



Wi Coin (WiC)

# WHITEPAPER

01/08/2017

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# 1. Summary/Abstract

With our ever evolving world, we have arrived at the beginning of a new era of technology where digital capabilities dominate and will lead the future. Crypto currencies are emerging as a strong trend which is here to stay and also shape the future. But, like everything that evolves and develops, even crypto currencies face certain issues. One of the most evident of those is that they cannot be used for any real purpose as of now. Unfortunately, even the most popular crypto currencies (except Bitcoin) are used just as speculative assets and nothing more and as a result the common man does not see any reason to get involved in crypto currencies. At CryptoWi, we aim to change this. The idea behind CryptoWi is to bring crypto currencies to the masses and to give crypto currencies a real meaning and purpose, making it an everyday monetary instrument. We aim to make the general masses relate to the currency by giving everyone a real and valid reason to use it. For this purpose, we have developed a WiFi sharing app and monetized it so that the general masses can be incentivized for using it.

## 2. Problem Overview

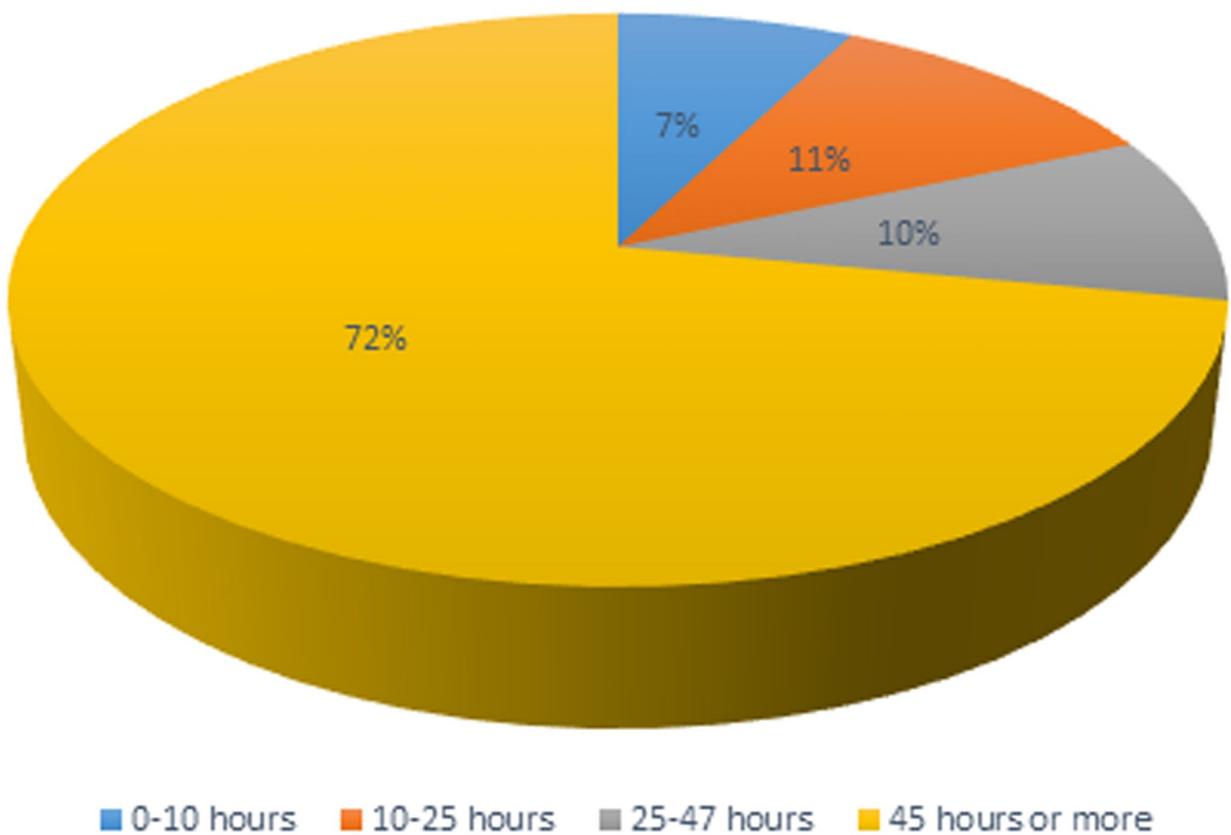
CryptoWi aims to solve two major issues prevalent today. First, easy WiFi accessibility and second usage of crypto currencies on a daily and more real basis.

Let's look at the first problem of WiFi accessibility. As per the latest research 49.7% of the world population or 3.74 billion people use internet and a staggering 72% of that population uses it for at least 45 hours per week. That is equal to 6.4 hours every day!

### **WORLD INTERNET USAGE AND POPULATION STATISTICS MARCH 31, 2017 – Update**

World Regions	Population	Population	Internet Users	Penetration	Growth
	(2017 Est.)	% of World	31-Mar-17	Rate (% Pop.)	2000-2017
<u>Africa</u>	1,246,504,865	16.60%	353,121,578	28.30%	7722.10%
<u>Asia</u>	4,148,177,672	55.20%	1,874,136,654	45.20%	1539.60%
<u>Europe</u>	822,710,362	10.90%	636,971,824	77.40%	506.10%
<u>Latin America / Caribbean</u>	647,604,645	8.60%	385,919,382	59.60%	2035.80%
<u>Middle East</u>	250,327,574	3.30%	141,931,765	56.70%	4220.90%
<u>North America</u>	363,224,006	4.80%	320,068,243	88.10%	196.10%
<u>Oceania / Australia</u>	40,479,846	0.50%	27,549,054	68.10%	261.50%
<u>WORLD TOTAL</u>	7,519,028,970	100.00%	3,739,698,500	49.70%	936.00%

## Internet Usage - Number of hours per week



The problem now arises of WiFi accessibility. A lot of merchants advertise free WiFi, but that's hardly ever the case. Mostly the WiFi user has to spend unnecessary money on the products/services of the merchant in order to get access to WiFi. Moreover, the WiFi user first has to hunt down a merchant that provides such WiFi accessibility and then make unnecessary purchases and even then will have WiFi access only for a limited time and often restricted and slow. Here, we are talking about two parties, first the merchant who has nothing to do with WiFi usage (meaning he doesn't require it for operational purposes) and second the WiFi seeker who is not really interested in anything provided by the merchant but WiFi access.

We intend to eliminate the unnecessary merchant party (and his pre-condition of purchase of his products/services) and bring the WiFi provider and WiFi seeker directly in touch with each other. By this we not only ensure better WiFi services but also save the WiFi seeker all the hassles beginning with looking for a merchant, paying for parking, paying for unwanted products/services and others.

Looking at the second problem of application of crypto currencies in everyday, we realize that despite major advances in the crypto world, the general masses still remain largely unaware of its full potential. Crypto currency is still a relatively unknown concept to the common man and the general masses are still to adapt to the crypto world. As of today, crypto currencies (except Bitcoin) are just used as speculative assets and they vastly do not have any real life use case.

After a series of brainstorming sessions and intense discussions, we finally devised a method to solve both the problems of WiFi accessibility and crypto currencies having no real purpose and use for the common man. We decided to create a WiFi sharing app, Crypto-Wi, and monetizing it with Wi Coin tokens (WiC). This gives a real use case and incentive to the general masses to use crypto currencies and at the same time solves the problem of WiFi accessibility.

### 3. Mission Statement

The main purpose of Wi Coin is to be able to deliver value to the masses through an applied usage of crypto currencies in renting and accessing WiFi networks.

We intend to provide the general masses with a user friendly app wherein they can share WiFi connections and earn from it. There are 2 parties involved in the app. First, the WiFi provider, who is the person that wishes to share his/her WiFi connection with others for a reasonable payment in Wi Coins. Second, the WiFi seeker, who is wanting to access WiFi conveniently. We aim at making WiFi accessibility very straight forward. The person who wants to sell it can conveniently do so by uploading it on the app and the person who wants to rent it, can easily do so by logging in to the app, and purchasing it with Wi Coins.

We aim to keep Wi Coin and its investors always ahead of the technology curve in matters of development and usability of the app. We understand that it is crucial to have continuous improvements and developments in today's world where consumers' expectations are high. Thus, we also include follow-on ideas in our project as mentioned in Chapter 10.

## 4. Token Sale

WiC will be launched on the Ethereum blockchain as an ERC20 token. The Total supply is capped at 100 million (100,000,000) WiC of which 90 million (90,000,000) WiC are being offered in the token sale. The price of the tokens will increase gradually from \$0.008/WiC up to \$0.026/WiC and will be available in 2 stages, a pre-sale and in the token sale which will be held at Livecoin.net

Price per WiC	Number of tokens available	Total value
\$0.008	15,000,000	\$120,000
\$0.012	20,000,000	\$240,000
\$0.014	10,000,000	\$140,000
\$0.016	10,000,000	\$160,000
\$0.018	7,500,000	\$135,000
\$0.022	7,500,000	\$165,000
\$0.026	20,000,000	\$520,000

**Pre-sale:** The pre-sale will run from August 15, 2017 to August 31, 2017 and anyone who wishes to participate in it will have to fill the presale form available at our website cryptowi.com. The presale funds will be held securely in a 2 of 3 multi-sig wallet held by highly reputed members of the community minerjones, Blazed and WiC. The price per token will be the same as in the Token Sale and as mentioned above. Also, tokens will be allocated on a first come first serve basis so for example if in the presale total investment is equal to \$120,000, the token sale will start at the price of \$0.012/WiC and will have 75,000,000 WiC on sale.

**Token Sale:** The token sale for WiC will be held from September 1, 2017 to October 15, 2017 and be hosted and escrowed by the reputed crypto currency exchange Livecoin.net



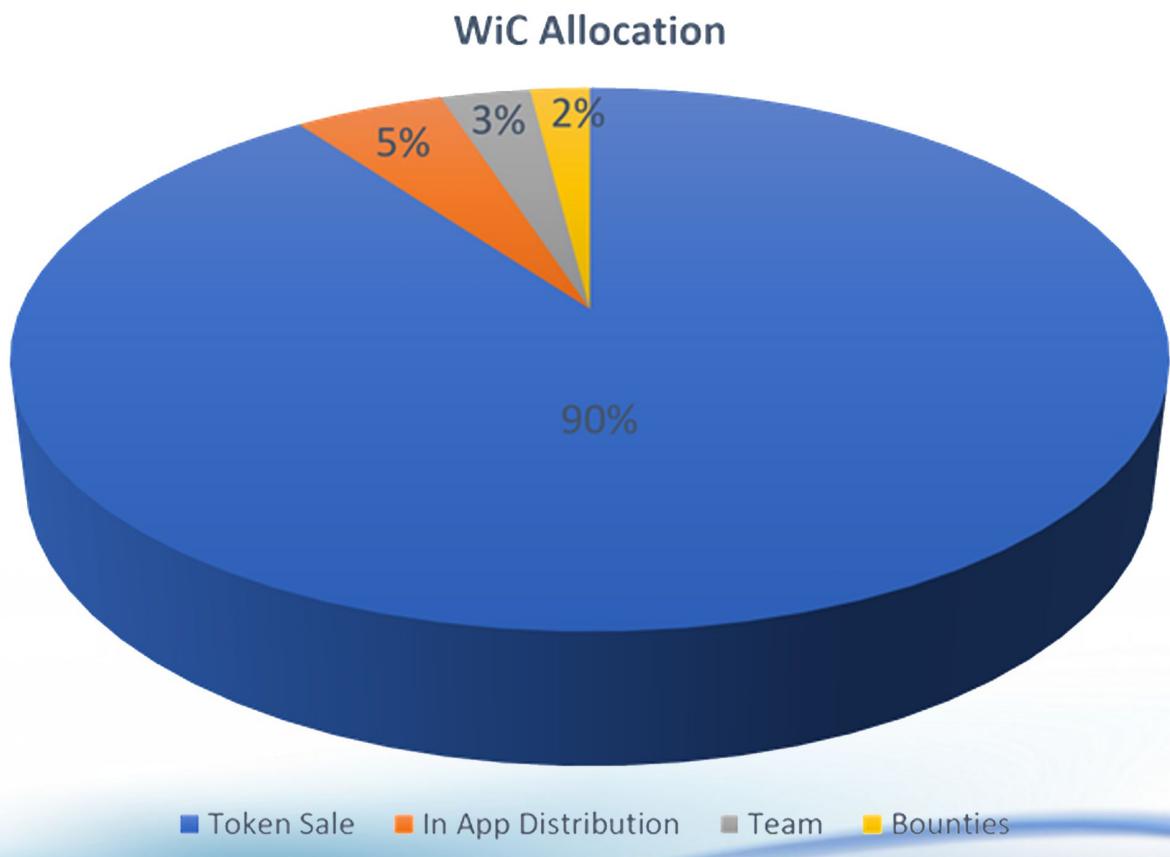
In case all the tokens are sold out before October 15, 2017, WiC will be launched and trading will begin 1 day after sell out.

In case of any unsold tokens, 50% will be burnt by Livecoin.net and 50% will go to the WiC development team.

## 5. Token Allocation

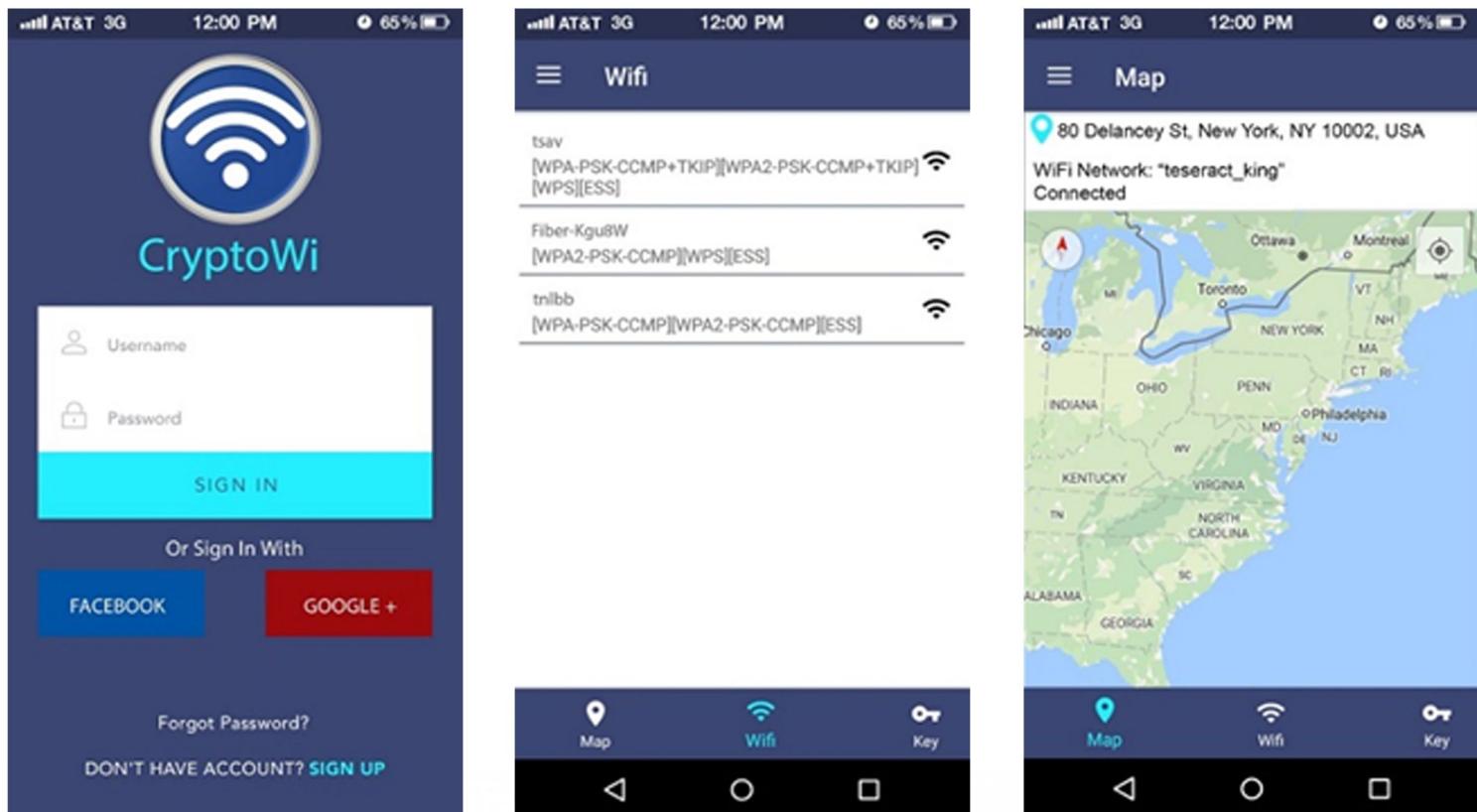
A total of 100 million tokens will be issued of which:

- a) 90 million will be distributed in the token sale.
- b) 5 million will be distributed to the CryptoWi app users as detailed in Chapter 8 of this document.
- c) 3 million will be reserved for the Team.
- d) 2 million will be allocated for the bounty campaign as mentioned on [www.cryptowi.com](http://www.cryptowi.com)



# 6. The CryptoWi App

The basic function of the CryptoWi app is to enable everyday users who do not possess technical knowledge of crypto currencies or WiFi sharing to be able to share and also earn from their existing WiFi connections in a safe and secure manner. Millions of people use and share their WiFi connections every day without even realizing the potential monetary benefit they can get through it. With CryptoWi, we solve this by letting any user sell/rent his WiFi connection to those in need and be rewarded in Wi Coins (WiC), the in-app currency. This is how it works:



After signing up, the user sees the list of WiFi networks and can upload these to the network and start earning WiC. He can also check the nearby available WiFi networks by clicking on the “Map” tab and pay to use those. Since, the main goal of the app is to make it easy for everyone to share WiFi, the end user does not require to know any technical details and can connect conveniently in just 3 clicks. The app does the rest and automatically connects to the network securely without displaying the password to the end user. The app also stores a list of networks already paid for and their locations so that a user could easily navigate to them in the future. We also have a working demo video of the CryptoWi app available on our website.

## 7. App Features

- 1) In order to grow the user base, each successful WiFi share will earn the user a 100 WiC reward. This is only during the initial stages till the network grows to 50,000 WiFi connections and will be funded by 5% of the total Wi Coins set aside for this purpose.
- 2) The user can chose a custom price for his WiFi network in WiC and is free to change this price anytime. Anybody wanting to connect to this network will have to pay the specified amount to the uploader.
- 3) The only way to purchase WiFi connections is through Wi Coins (WiC).
- 4) The "Map" screen shows the list of all available networks and directions to them via Google Maps.
- 5) The "WiFi" screen shows the networks in phone range. When purchased, the app connects directly to the network upon successful WiC payment without revealing the password to the end user.
- 6) In case of an incorrect/changed password no WiC is deducted from the purchaser's account. Only correct passwords can be sold.
- 7) The "Key" screen displays a list of already bought passwords along with their locations.

## 8. In App Distribution

In order to kickstart network growth, CryptoWi users will receive a bonus of 100 WiC for every correct password they upload to the network. This will attract new users to the app and get things started. Also, this incentive is only for the initial stages and only for the first 50,000 passwords uploaded. After that, users will earn WiC only when someone uses the network they uploaded and pay for it. Also, there are safeguards in place in the app so that this incentive is not abused and taken advantage of. The reward will be given only for the first time the network has been uploaded.

# 9. Business Plan

Since our app aims to monetize WiFi sharing, the main aim is to market it aggressively to tourists and travelers. It is a very common scenario where on a vacation or a trip, a tourist is ripped off his savings in order to pay for roaming data charges or has to buy a new sim card all together to have access to data. Moreover, being a tourist, finding a WiFi spot is not an easy task since he would have very little local knowledge of the place. But with our app, CryptoWi, this hassle will be completely eliminated. Tourists and travelers will have easy access (with a navigable map of networks) to reliable and reasonable internet on the go. Also, they will not have to buy monthly packs, pay setup/activation charges, etc. which is a common occurrence when trying to buy data packs or new connections. With our app, all they will need is some WiC and a smart phone and nothing else.

Also, WiC is the only accepted currency in our app and hence anyone wanting to use it will have to buy WiC first, naturally increasing its value.

Currently the WiFi sharing market consists of over 50 million users worldwide and this is a huge untapped market that can potentially increase the value of WiC dramatically.

In the future, we intend to partner with travel agencies around the world who would promote our project to their clients and encourage them to use our app for finding reliable and cheap WiFi networks in the city they are visiting.

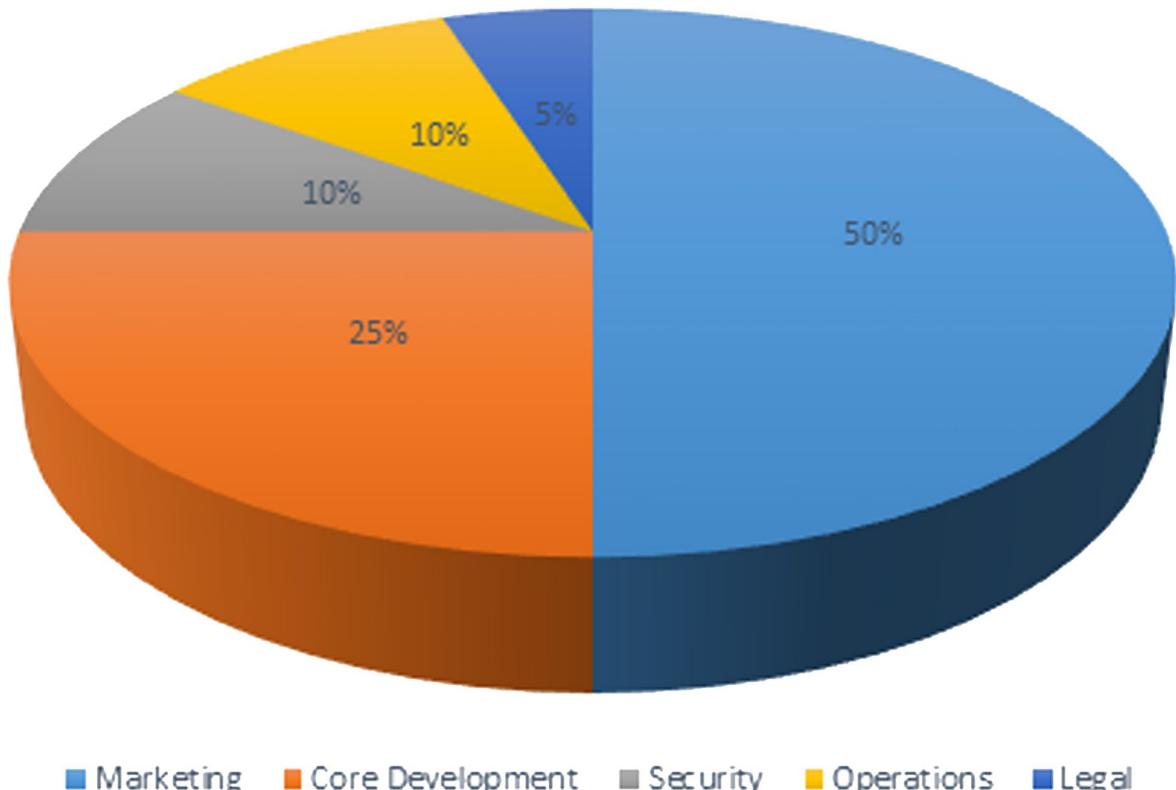
Another thing we intend to do is have WiC reloadable cards available at gas stations and retail convenience stores, so that people even without the knowledge of crypto currencies will be able to use our app without issues. How this will work is similar to how reloadable gift cards work. Users will have the option to use their local currency at local outlets that will give them pre-loaded unscratched WiC cards with private keys that can be used to load the purchased balance in to the CryptoWi app. This way we eliminate the need for the end user to know how crypto currencies work and make WiFi sharing easy and hassle free.

# 10. Future Planned Features

- a) Shapeshift Integration** – In order to make it easy for users to buy WiC with other crypto currencies, we plan to integrate Shapeshift in our app. This will ensure that users can reload their WiC balance on the go and directly from the app.
- b) WiC/Local currency exchange** – Another planned feature, aimed at making the end user experience smooth and hassle free is enabling the ability to buy WiC directly from the app using traditional payment methods like debit/credit cards and net banking. The main purpose of this is to make it easy for those users who do not want to get involved with crypto currencies in any way and just want access to cheap and reliable WiFi.
- c) Offline Navigation** – With this update, users will be able to save WiFi hotspots and directions to them locally and will be able to navigate in offline mode too. They will have an option to download custom areas from the map or entire cities and countries if they so wish.
- d) Ratings and WiFi Speed records** – In the future, users will be able to rate WiFi networks and also upload speed test results so that others know exactly what they will be paying for.
- e) Private Messaging** – With this feature, we aim to build an active community of our app users who will be able to announce new networks, changes in price to existing networks, etc. to each other. Users will also be able to message others privately if they so wish.

# 11. Project Budget

Project Budget Allocation



**Marketing** - Given the nature of our project, we anticipate the major expense to be that of marketing and advertising. Since the main goal is mass adoption not only among those involved with cryptocurrencies but also those that have not even heard of it, we expect to spend 50% of the funds raised towards marketing and getting the word out. This will cover traditional and online marketing as well as ongoing community building events and partnerships.

**Core Development:** Since we have already developed a working product, our budget for Core Development is smaller than most other technology projects. A major portion of this will be spent in improving the end user experience, implementing new features like shapeshift integration and offline navigation and rigorous app testing.

**Security:** We realize that the core of our project relies upon the client's security. Thus we will be ensuring that each new feature of the project that is brought forward to the client, undergoes through pre-screening and checks along with the necessary security audits. We expect to spend 10% of the funds raised for this purpose.

**Operations:** Smooth running of day to day operations is of prime importance. Thus, as the project and organization gains momentum and expands, an efficient team of Operations Managers will need to be hired and greater focus will be placed upon this. 10% is allocated towards Operations.

**Legal:** Budget allocation has been made, giving special attention to compliance. The budget adequately covers for any legal costs that may occur to ensure that we fit within all regulatory parameters. We realize that long term success of the project is dependent on compliance and thus keeping the regulatory framework of any new market is key.

## 12. Disclaimer and Legal

This document is purely for informational purposes and does not constitute an offer or solicitation to sell shares or securities. Also, when you contribute to the WiC Token Sale, you waive any and all rights to any and all legal claims and all disputes will be heard solely by the WiC team and their decision will be final, binding and un-challengeable. WiC tokens are functional utility tokens issued on the Ethereum blockchain and not securities. Also, WiC tokens are non-refundable. WiC tokens are not for speculative investment. No promises of future performance or value are or will be made with respect to WiC, including no promise of inherent value, no promise of continuing payments, and no guarantee that WiC will hold any particular value. WiC tokens are not participation in any way and hold no rights to the CryptoWi app, its profits or anything related to it whatsoever. All proceeds received in the Token Sale are considered purely donations and may be spent freely without any conditions whatsoever.

# 13. Conclusion

With CryptoWi and Wi Coins, we will finally be able to get crypto currencies in the common man's hands and solve the problem of easy and reliable WiFi accessibility once and for all. We will be monetizing the currently untapped market of over 50 million WiFi sharing users and at the same time make the term crypto currencies a household one. With CryptoWi and WiC being the first and only players in this huge market, we aim to quickly expand and capture a lion's share of this market. This will also ensure great returns for our very valued investors and early supporters.

**For more information,  
visit [cryptowi.com](http://cryptowi.com)  
or email [admin@cryptowi.com](mailto:admin@cryptowi.com).**

## 14. Supporting Documents and Links

**Website:** [www.cryptowi.com](http://www.cryptowi.com)

**Bitcointalk Announcement:** <https://goo.gl/vbsRnT>

**Twitter:** [https://twitter.com/WiC\\_Crypto](https://twitter.com/WiC_Crypto)

**Facebook:** <https://www.facebook.com/WiC-1411131028954062>

**Telegram:** <https://goo.gl/XovszH>

**Slack:** <https://goo.gl/LaQUU4>