



White Paper

A WORLD WITHOUT BORDERS

CONTENTS

1. An Introduction to Our Vision
2. Why OnPolePosition is providing a solution
3. The technologies behind OPP Open WiFi
 - 3.1 Blockchain – decentralised WiFi Sharing
 - 3.2 Smart Contract Integration – achieving consensus on OPP Open WiFi
 - 3.3 Why does OPP Open WiFi need blockchain
4. How do we achieve all of this?
5. How it works
6. Login and security features
7. What we do for domestic/mobile app users
8. What we do for our hotspot users
9. How we pay our hotspot hosts and users
10. What are the costs for domestic and Mobile Hotspot Hosts?
11. The OPP Token
12. Fund raising – the token sale
 - 12.1 Why tokenise OPP Open WiFi?
13. Future Revenue Sources and Value of the Token
14. The Roadmap
15. Projects and experience
16. The Team

1. An Introduction to our Vision

2.5 Billion of us carry smartphones. We all have to pay that monthly bill. Yet, on a daily basis, 76% of us find ourselves in a position where we cannot get online or where we cannot get online unless we pay again! Now consider this – 80% of us do not use all the bandwidth (data) allocated to us on our mobile phone contracts or home / business ISP contracts. What an incredible waste!

We have the solution.

Monetise unused mobile data allowance. We have developed technology, a mobile app and a home / business router, which allows our Hotspot Hosts to share and monetise that unused data. Hotspot Hosts decide how much unused data they are happy to donate. Our app will activate the hotspot function on their handset and create a Wifi Hotspot called OPP OPEN WIFI. It is totally secure, free to access and open for anyone nearby that needs it.

Here's the good bit, the app only needs to be active for 1 hour a day and we will make daily payments to the Hotspot Host's wallet using our OPP Token. If the Hotspot Host has more than one device – no problem – we pay for each device including your home and business.

Easy. We pay using our OPP Tokens. Hotspot Hosts will log in to our Dashboard and will be able to see the daily payments coming in and their balance going up. OPP tokens can be changed into fiat currency, (USD, EURO, GBP, etc), the balance can be transferred into their bank or they can send credit to their OPP credit card (no bank account required), They can also visit our online shopping mall and enjoy an amazing retail experience with many global brand partners! All of this can be done from the dashboard for maximum convenience and ease.

We aim to recruit just 1% of the active smartphone holders. This will create a global WiFi Hotspot that will help hundreds of millions of people every day just by making their day a little bit easier!

The app will be available for free download from September 2018.

It is predicted that there will be 2.5 billion smartphone users globally by 2019. Further statistics show that there are today more than 2 billion of those smartphone users active on social media.

Each one of us needs WiFi access as a part of our daily life. All too often we find ourselves in a position where access is not available.

From those 2.5 billion people we aim to recruit 25 million people like you and I over the next 4 years to join our community of "Hotspot Hosts". Together we can build a free to access, open and secure global decentralised WiFi hotspot which will have a positive effect on the daily lives of hundreds of millions of people.

Our Hotspot Hosts are people like us that pay for mobile data, pay for WiFi access at their homes or at their place of work. We will pay our Hotspot Hosts every day for making part of their data available to our global network. We aim to put that money back in their pockets.

In order to become a Hotspot Host simply download our mobile app or request a home / business router from our website. There is no fee to join our network - In fact we pay our contributors!

There are 3 ways to earn tokens

- as a Hotspot Host
- spreading the word and encouraging more hosts to join us
- by viewing messages from our advertisers

We make payments using our OPP Open Wifi tokens. At ITO one OPP token = \$0.40. Discounts range from 10% to 50% during our ICO.

Blockchain technology will be used to facilitate billing and payments to you. Community members will receive tokens every day!

The token can be traded on the crypto platforms, exchanged via our portal into fiat currency and used to make purchases, via the portal, with all the online retailers. Using OPP tokens for online shopping means community members never need to enter their card details online again!

All or part of those expensive mobile phone bills, home phone bills or work internet bills can be covered every month simply by joining us. We aim to give that money back!

There are a limited number of tokens available and with millions of hosts using them, we are confident that the demand and value of the tokens will remain strong.

2. Market research and why OnPolePosition is providing a solution

After running a survey of 100,000 consumers we have some interesting and very exciting feedback. We asked a number of questions about how people access the internet, the costs of doing so and the restrictions and obstacles they can face.

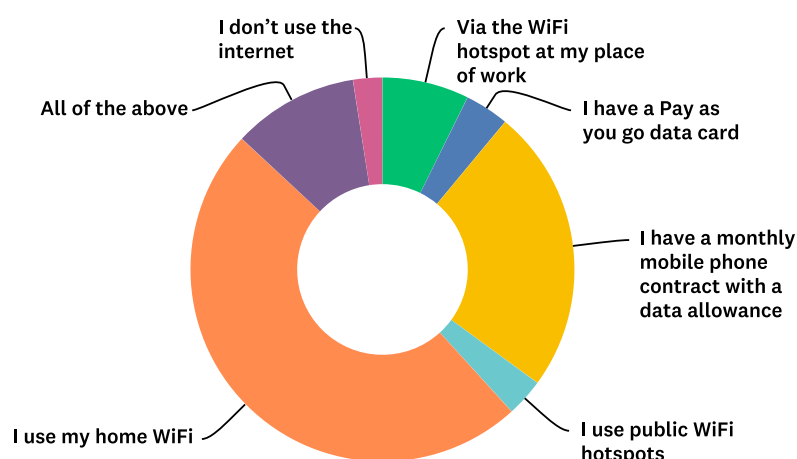
The market research taught us that there is a real need to provide free and open Wi-Fi. A very high number of our respondents told us that they have been in a position where they were unable to access the internet; they also told us that they resent paying to access WiFi in public places.

The vast majority of users do not use all the data allocated to them by their mobile operators or fixed ISP's and would be very happy to receive payment in exchange for making that data available for others to use.

Clearly, there is a need for OPP OPEN WiFi.

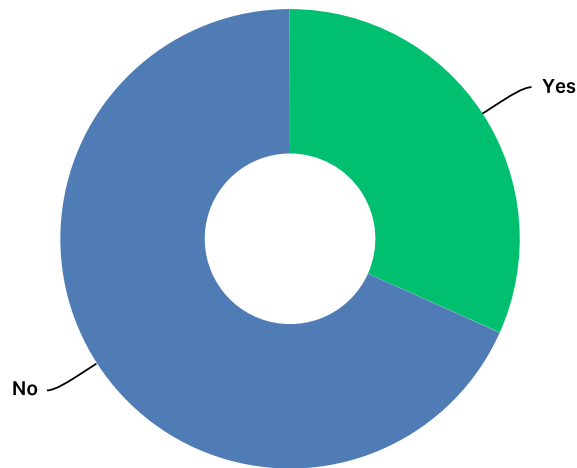
Results of our survey:

Q1 How do you most frequently access the internet?



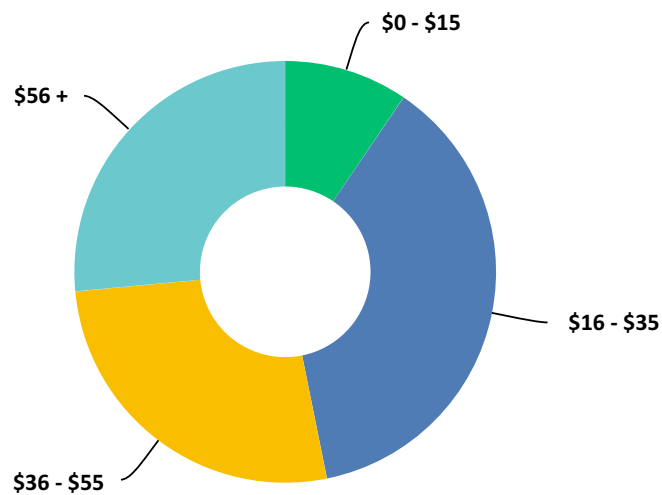
ANSWER CHOICES	RESPONSES
Via the WiFi hotspot at my place of work	7.35%
I have a Pay as you go data card	3.76%
I have a monthly mobile phone contract with a data allowance	24.14%
I use public WiFi hotspots	3.22%
I use my home WiFi	48.93%
All of the above	10.68%
I don't use the internet	2.47%
TOTAL	186,405

Q2 Do you use all of your data allowance each month ?



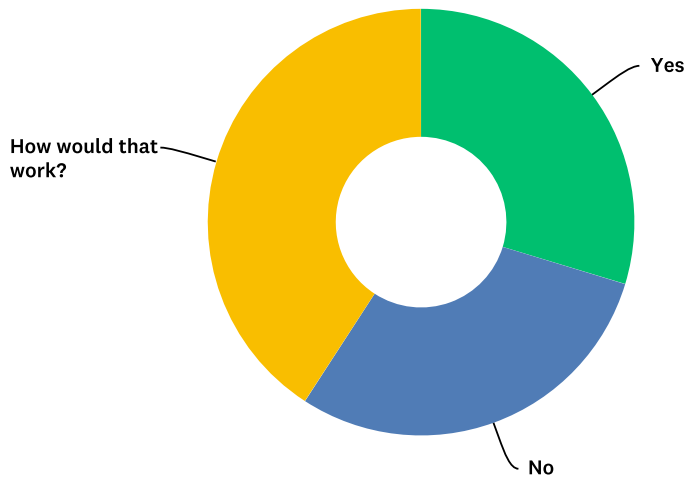
ANSWER CHOICES	RESPONSES
Yes	31.71%
No	68.29%
TOTAL	45,146

Q3 How much does your mobile phone contract or data cost each month?



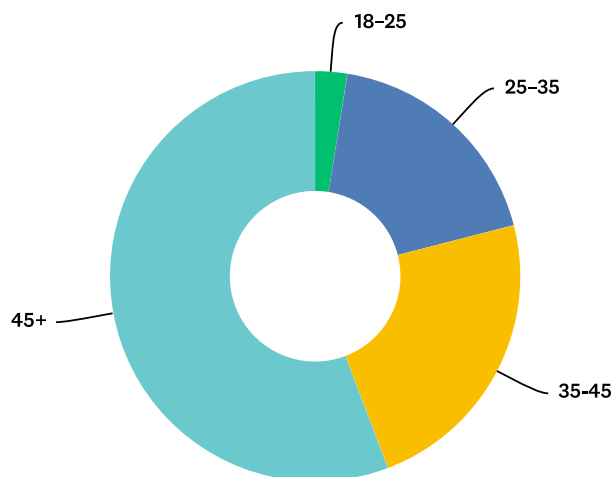
ANSWER CHOICES	RESPONSES
\$0 - \$15	9.50%
\$16 - \$35	37.33%
\$36 - \$55	26.70%
\$56 plus	26.47%
TOTAL	44,288

Q4 Would you consider donating some of your data in exchange for payment?



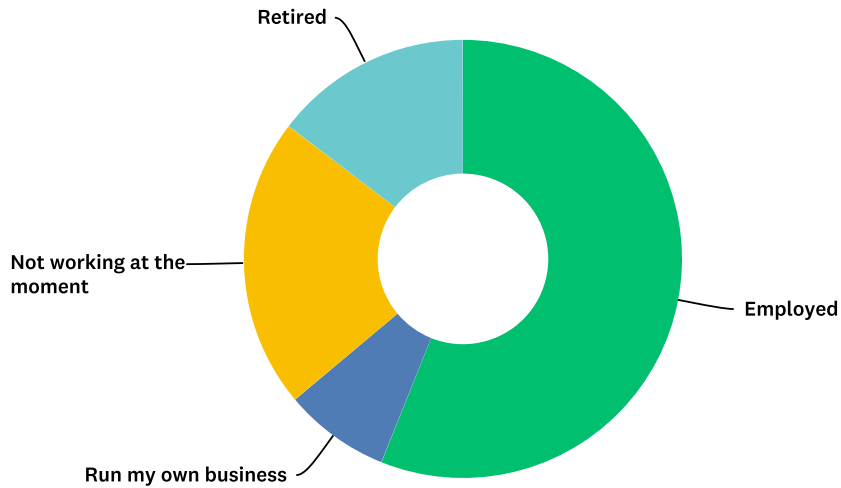
ANSWER CHOICES	RESPONSES
Yes	29,70%
No	29,47%
How would that work?	40,84%
TOTAL	43,174

Q5 What age group are you?



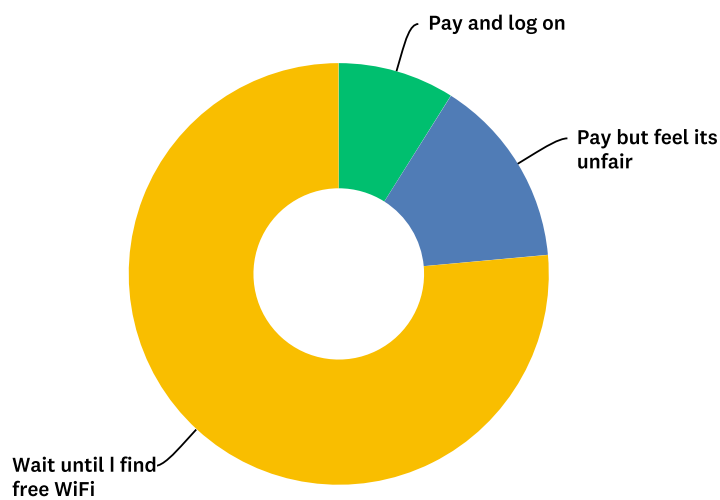
ANSWER CHOICES	RESPONSES
18-25	2,53%
25-35	18,48%
35-45	23,21%
45+	55,78%
TOTAL	118,522

Q6 Are you:



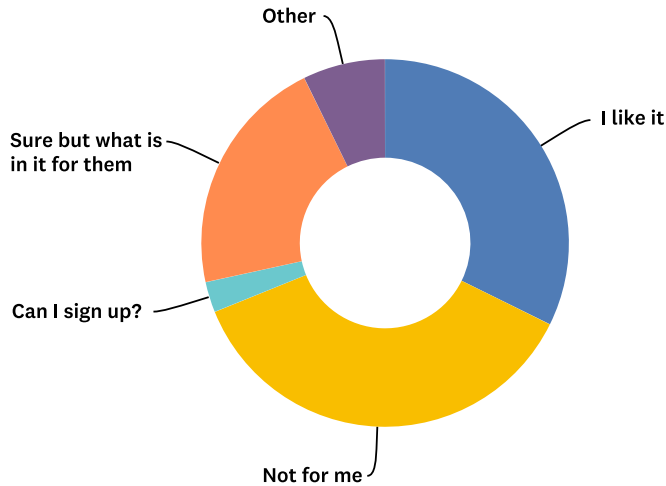
ANSWER CHOICES	RESPONSES
Employed	56.09%
Run my own business	7.83%
Not working at the moment	21.45%
Retired	14.64%
TOTAL	117,540

Q7 When you are forced to pay for WiFi access such as in a hotel or residential area



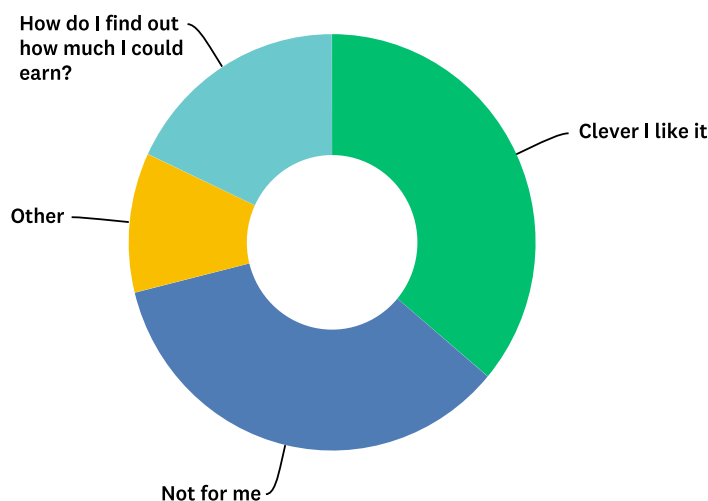
ANSWER CHOICES	RESPONSES
Pay and log on	8.98%
Pay but feel its unfair	14.59%
Wait until I find free WiFi	76.42%
TOTAL	115,583

Q8 OPP are paying WiFi Hosts a fee equivalent to between £5 and £40 per month for being a part of the program, What do you think of that idea?



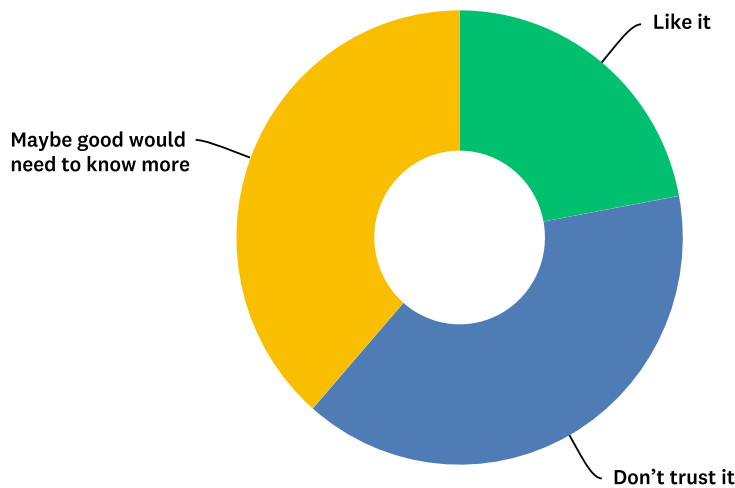
ANSWER CHOICES	RESPONSES
I like it	32.31%
Not for me	36.58%
Can I sign up?	2.69%
Sure but what is in it for them?	21.17%
Other	7.24%
TOTAL	107,748

Q9 OPP are paid through advertisement and by their affiliate marketing partners. This is how they pay their WiFi Hotspot Hosts. What do you think?



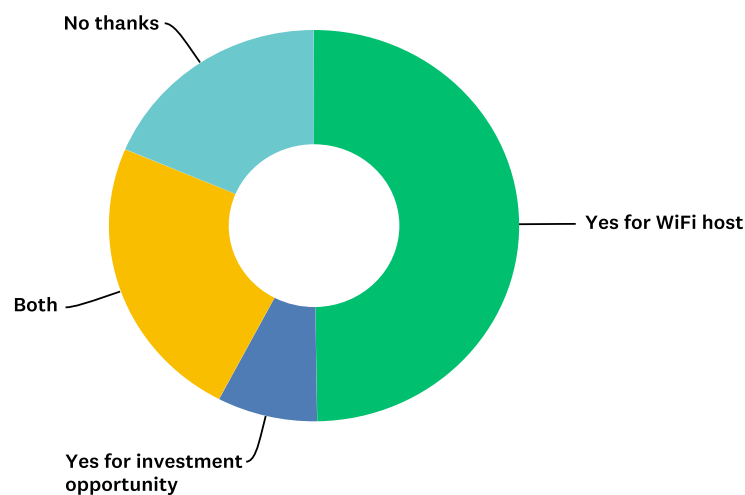
ANSWER CHOICES	RESPONSES
Clever I like it	36.14%
Not for me	34.98%
Other	10.85%
How do I find out how much I could earn?	18.02%
TOTAL	103,228

Q10 OPP have created a cryptocurrency token with which they will pay their WiFi Hotspot Hosts. This token can be used to make purchases on Amazon or be converted into Pounds, Euros or USD. Is that something that you would take advantage of?



ANSWER CHOICES	RESPONSES
Like it	22.08%
Don't trust it	39.37%
Maybe good would need to know more	38.56%
TOTAL	98,311

Q11 OPP will launch this project within the next 14 days, would you like to receive an invite?



ANSWER CHOICES	RESPONSES
Yes for WiFi host	49.77%
Yes for investment opportunity	7.91%
Both	23.72%
No thanks	18.60%
TOTAL	21,522

Market research in brief

76% of the respondents are happy or are curious to learn how they can get paid for donating their unused data.

10% of our respondents run their own business and would be happy to use their business WiFi as a Hotspot Host

90% of our respondents feel it is unfair to pay for Wi-Fi access in a public place or would even wait until they were in a free area!

69% have indicated that they would like to receive a router and use their home Wi-Fi to become a Hotspot Host.

When asked if they think it is a good idea to be paid for joining the Hotspot Host program 69% responded positively!

70% of the respondents would take advantage of being paid with our crypto token and like the idea.

35% of respondents have asked for more information about investing in the project.

3. The technologies behind OnPolePosition

We have developed new technologies, blockchain and smart contracts, to deliver impeccable Wi-Fi network services and reward providers through a peer-to-peer system. Smart contracts allow OPP to pay our contributors for contributing to our network.

3.1 Blockchain – decentralised Wi-Fi Sharing

From healthcare to social media, to agriculture to the government, blockchain technology is predicted to revolutionise almost every sector. This is due to its ability to solving an age-old problem – Trust. Blockchain creates trustless systems that allow individuals and companies, as well as governments, to engage in peer-to-peer networks without central authorities and without the need to trust a third party. This will lead to decentralised organisations that champion the cause of every employee and not just owners; distributed financial systems that allow for P2P transaction processing across the globe; as well as the creation of self-executable contracts (smart contracts) that serve as checks and balances on the contracts that are entered by individuals or organizations.

3.2 Smart Contract Integration – achieving consensus on OPP Open WiFi

All business is, or should be, run on a consensus basis. That is where all parties involved in a transaction agree to that transaction and the terms that govern it. Blockchain technology brings us a better consensus system through smart contracts. Smart contracts help us exchange property, money, information and shares, as well as many other things, in a transparent manner which current systems cannot rival, and which helps to eliminate third parties. Apart from spelling out rules and regulations of the game and any contract that is being entered into by two parties, smart contracts have the unique capability of automatically enforcing those responsibilities – they are known in this respect as Self-Executing Contracts.

3.3 Why does OPP Open WiFi need blockchain?

For the business to operate on a daily basis for years in to the future we undertake to pay each host, on a daily basis, for contributing to our global network for a minimum of one hour per day. We pay each host on a daily basis for viewing a pre-agreed number of messages from our advertisers. The amount we intend to pay each host will significantly contribute to the monthly cost borne by that host in respect of their mobile phone bill and bills associated with accessing the web.

In short – OPP will be servicing 25 million hosts with daily payments to reward daily activity. That means we will be making more than 25 million contracted transactions each day. Every transaction involves the movement of assets across a business network, every transaction involves a defined specific activity, every transaction must have total transparency and trust. This is a perfect match for blockchain.

4. How do we achieve all of this?

Primary contract - Hotspot Hosts - sharing bandwidth.

Our agreement with each host covers a specific activity. When a Hotspot Host activates our mobile app for one hour per day we will pay a daily fee. The most efficient and transparent way to manage this is with a smart contract. We provision the reward, once the activity is completed the smart contract is fulfilled and reward released to the host.

Secondary contract with Hosts - viewing advertising.

Hotspot Hosts are also rewarded for viewing push messages from advertisers. The hosts elect how many and what type of message they would like to view.

The advertiser is therefore aware of who will view his messages, when and how frequently.

The advertiser will pay OPP for this service.

This is a smart contract with 3 players, we provision reward for the host watching the message, the advertiser provisions reward for us providing the service, when the message is watched the smart contract completes and rewards are distributed.

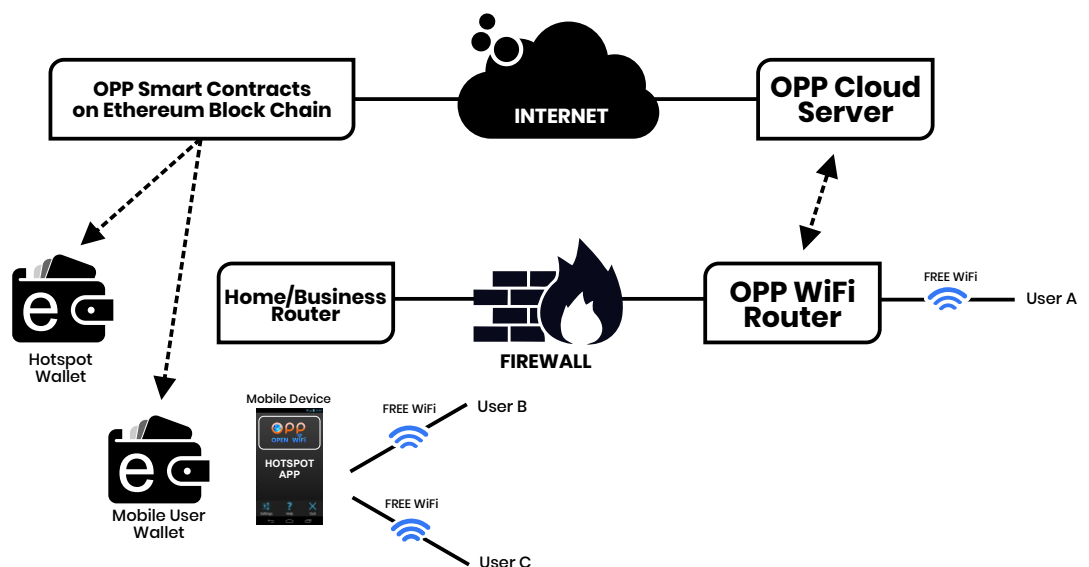
ICO - Smart contracts for investors.

Every investor in our ICO will have their transaction carried out with a smart contract. The smart contract defines how much the investor pays, how it is paid, the number of tokens bought, when the tokens are released, etc.

Each of these scenarios displays the 5 classic criteria that need to exist in order for Blockchain to provide optimal transactional processing.

1. Presence of a business network, assets and transactions
2. Multiple participants to verify transactions
3. To know who has done what and when
4. Irrefutable trusted transaction
5. A single view of truth shared across network

All these transactions will be handled by escrow smart contracts and transactions will be visible on blockchain



5. How it works

Simple, download our app for mobile devices or order a pre-configured router (first 100,000 are completely free, subject to availability).

Our app will activate the mobile hotspot function on the Hotspot Host's smart device and "OPP OPEN WIFI" will be made available to people in the vicinity. The Hotspot Host decides how much data to donate. The system is totally secure for both the Hotspot Host and the guest user.

If using home or work Wi-Fi, then simply plug our router into the existing device. This will create a second hotspot called "OPP OPEN WIFI". Again, the Hotspot Host decides how much data to donate.

Hotspot Hosts only need to make the data available for one hour each day to satisfy the smart contract and trigger payment. Payments are made on a daily basis. We will pay for each device that you use to contribute to the Global Network.

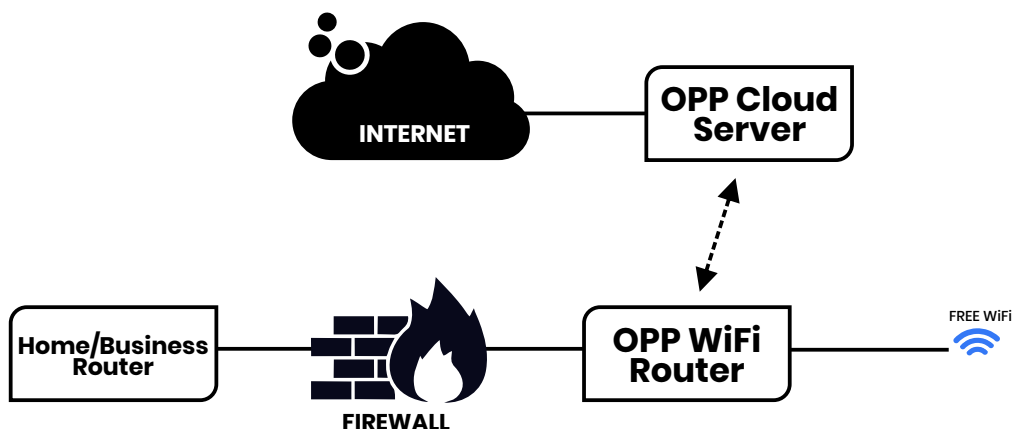
6. Login and security features.

When logging in, guests will see "OPP OPEN WIFI"

The users log in via a "splash" page. This is a welcome screen with logging in options. As the users log in we consensually collect:

- Name
- Email Address
- Social Media Following
- Gender
- Marketing "opt-in"

The system is secure and will not allow users to access illegal or inappropriate sites. Blacklisted sites are continually updated by the Internet Watch Foundation (IWF).



7. What we do for domestic/mobile app users (Hotspot Hosts).

We will pay our hosts for downloading and using our app and for using our domestic routers to create secure Wi-Fi hotspots for the general public. Domestic and mobile users only need to make the public Wi-Fi Hotspot active for at least 1 hour each day in order to qualify for payment. We will pay our hosts for the number of active devices they have. It is our intention to pay each host an amount of OPP tokens with an equivalent value to cover all or part of the monthly bills that they are required to pay to their ISP and mobile phone operators. The comparative value of the OPP Token will fluctuate with the market.

Hotspot Hosts will also be paid for introducing further Hotspot Hosts to the program and for participating in our social media communities. We aim to harness the power of “word of mouth” to accelerate our growth to reach our target of 25,000,000 Hotspot Hosts within 4 years.

Further tokens can be earned for simply viewing messages from our sponsors (push notifications). Hosts can select how many messages they are prepared to view each month in the settings menu of our OPP Hosts Portal. Billing will be calculated and stored using blockchain technology and smart contracts.

Payments will be sent directly to their online wallets.

Payments will be made using the OPP token.

8. What we do for our Hotspot users.

Our network of Wi-Fi hotspots provides secure and safe internet access for everyone who needs it. No password, no contract, no cost. Access to the hotspots is not anonymous, it encourages only responsible use. In fact, illegal or immoral use is denied at the source.

In exchange for providing this high-quality secure facility, users will benefit from relevant and focused advertising designed to enhance their lifestyle and online experience.

The advertising is not intrusive. In the case of business hotspots, the advertising will be aimed at promoting that venue. For domestic hotspots, the advertising will be to promote further growth of our network, or perhaps a local food delivery enterprise – Simple and practical.

Every Hotspot user will be given the opportunity to join our program and therefore the opportunity to receive payment for viewing notifications from our affiliate partners.

9. How we pay our Hotspot Hosts and Users.

Our Hotspot Hosts and users will have their earnings calculated daily and credited to their OPP wallets using self-actuating smart contracts.

The OPP token can be easily switched to mainstream currencies via our exchange mechanism on our Dashboard.

From the partner portal Hotspot Hosts and Users will be able to transfer their balance to their bank account, to their OPP Credit card or spend the balance on our online mall with our affiliate partners. We have applied for affiliate partnerships with Amazon, Skyscanner, and Online retailer, with more to follow. Any token holder can, of course, trade OPP tokens on Crypto platforms.

Every Hotspot user will be given the opportunity of joining our program so that they too can receive the benefits made available to Hotspot Hosts.

10. What are the costs for domestic and Mobile Hotspot Hosts?

There are no costs. Simply download our app to your mobile device or request a router from our website. Plug it in and earn money.

If the Hotspot Hosts don't use the router then we will ask them to return it. If the Hotspot Host has become attached to it and wants to use it for something else, no problem, they can keep it by simply paying us the cost price.

11. The OPP Token

ERC20: Standardizing OPP's Tokens

In order to ensure a seamless distribution of our Tokens, we use the ERC20 token standard to build a compatible, developer-friendly token environment for our activities. With this standard, our tokens are generated on the Ethereum blockchain, creating a cohesive environment for our developers, hotspot hosts, and consumers of data from our hotspot providers. This also ensures that we have a blockchain-compatible and flawless system.

12. Fundraising – Token sale

12.1 Why tokenise OPP Open WiFi

We will mint 4 billion tokens.

96.4% Of these tokens will be held in reserve and added to the system to pay rewards to Hotspot Hosts. The tokens will be released in to the system at an approximate rate of 160 tokens per Hotspot Host as they join the program over a 4 year period.

3.6% Of the tokens are available in the ICO (142 million) and will raise the funds needed to operate the business and fund the advertising to recruit the 25 million hosts.

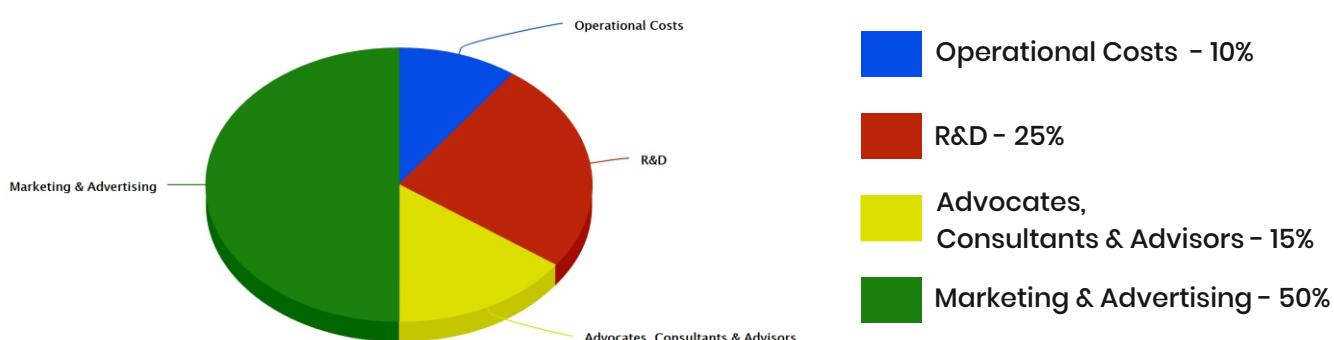
We are building a network of 25 million hotspot hosts across the globe within 4 years. To build that network of hosts we need to run a worldwide marketing and advertising campaign for that 4 year period. We estimate the cost to reach out to each host to be \$1. We aim to raise \$40 million. The value of each token is \$0.40 USD.

In our model every stakeholder benefits. This is what makes OPP OPEN WIFI an extremely important project.

- Hosts monetise unused bandwidth
- Hosts control the amount of advertising they view
- Users gain open and free access to web
- Advertisers get sharply focussed and willing audience
- Traditional internet suppliers and mobile phone companies are not removed from the model. In fact we recognise the importance of these players who provide the infrastructure. We make their service more affordable for their clients.

At the token sale, there will be 142 million tokens for Founders and Investors available at discounts ranging from 50% to 10% depending on how early the token purchase is made. The monies raised from the token sale are going to be used to recruit the network Hotspot Hosts. It can be further broken down as follows:

OnPolePosition's Funds Disbursement



Sale Structure	Bonus / Discount	Cost per Token
Founder's Sale	50%	\$0.20
Pre-Sale	40%	\$0.24
Public Sale	35% - 10% staggered	\$0.26 to \$0.36
Public Sale (no discount)	0%	\$0.40

	2018	2019	2020	2021	Total	
New Hosts	100,000	1,000,000	12,000,000	12,000,000	25,100,000	Total Hosts
Tokens allocated to hosts	1.25million	365 million	2.22 billion	1.2 billion	3.78 billion	Total tokens in circulation to pay hosts
Tokens allocated to pay push notification readers	0.25 million	10 million	100 million	100 million	210 million	Total tokens in circulation for reading push notifications
Tokens allocated to Referral/Bounty program	0.71 million	50,000	0.6 million	0.6 million	1.96 million	Total tokens in circulation for Bounty / Referral program
Tokens allocated to founders and investors	142 Million	0	0	0	142 Million	Total tokens for investors and founders
Total allocated	144 Million	376 Million	2.33 Billion	1.31 Billion	4.165 Billion	Total tokens in circulation

Token disbursement in 2018

Target 100,000 business, domestic and mobile hotspot hosts. The first 100,000 routers will be supplied absolutely free of charge subject to availability. Payment to Hotspot Hosts in 2018 will amount to 1,250,000 tokens. We have allocated a further 960,000 to reward participants for joining our marketing team and for those who help our advertisers by agreeing to read certain sponsored messages.

Founders and investors have 142 million tokens set aside making the total tokens in circulation just over 144 million.

2019

As a result of our marketing, we aim to have recruited our 1 millionth hotspot host. More than 90% of which will be downloads of our app. At this stage, our referral program will be developing significant momentum and we will have begun to see good penetration with our target market.

365 Million tokens introduced to reward hotspots.

10 Million to reward recipients of sponsored messages.

50,000 to reward activity of participants in our referral and bounty programs.

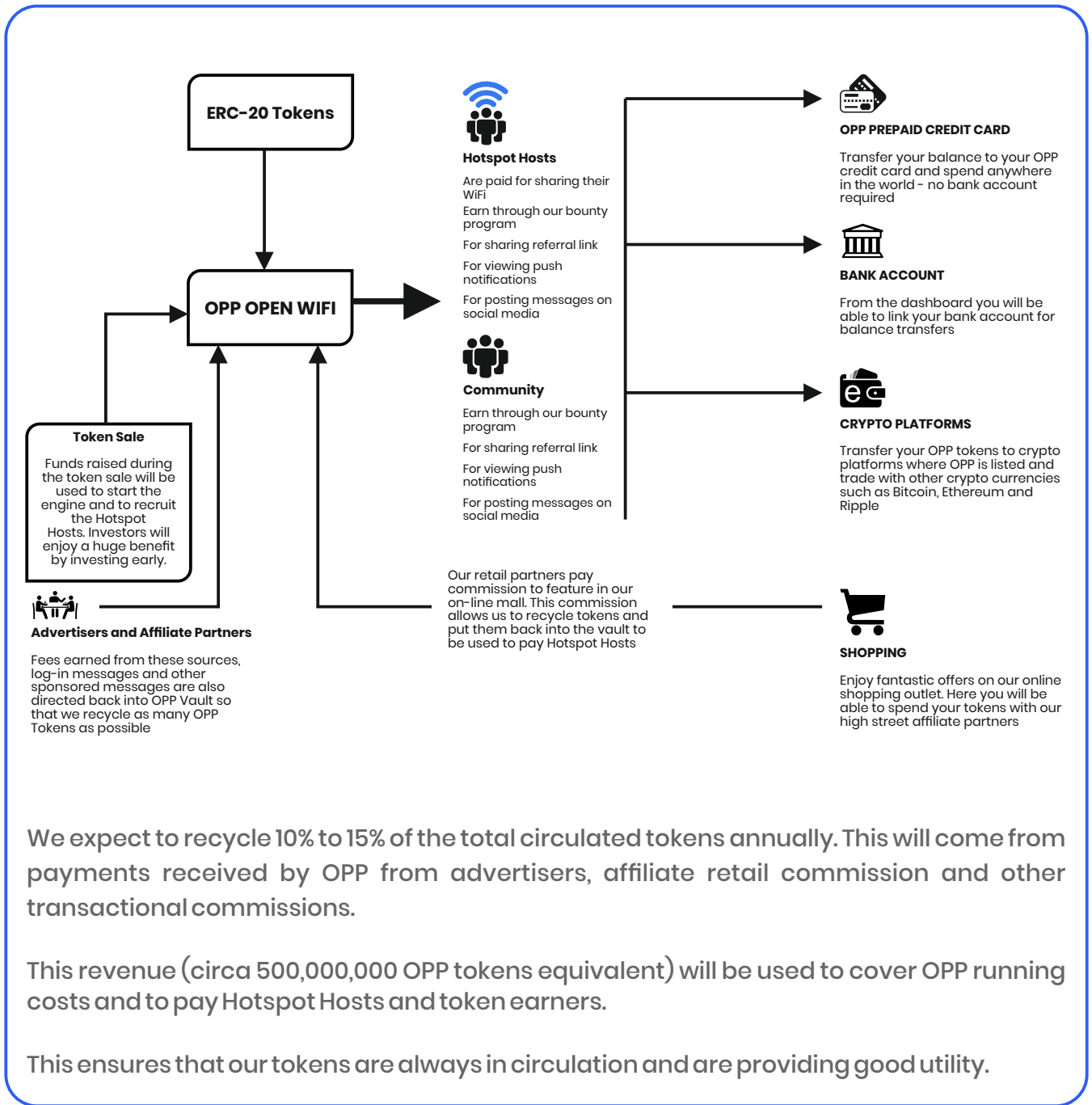
2020

We are aiming for 1 million downloads per month, giving us 12 million hotspot hosts by the end of the year.

A further 2.2 billion tokens will be introduced to the system to pay our hotspot hosts. The number of tokens introduced per capita is significantly reduced from the previous levels. This is done with the intention of restricting supply and therefore creating demand.

100 Million tokens will be allocated to reward recipients of sponsored messages

600,000 allocated to participants in our referral and bounty programs



2021

By the end of 2021, we expect to have 25 million app downloads in total. A final top up of 1.2 billion tokens will be released to service the community. This is the last time where further tokens will be introduced into the system.

There will be a total of (approx.) 4.2 billion tokens in circulation.

13. Future Revenue Sources and Value of the Token

Our revenue will come from 3 sources:

Transactional commissions

Our community can exchange tokens from their dashboard and use the value in a number of ways. Each time a member exchanges tokens we will make a commission on the transaction. 10% of the tokens passing through our portal will be retained by us in the form of these commissions

With a total supply of 4 billion tokens being used to reward the Hotspot Hosts we will “recycle” 10% of these tokens each year meaning that we will have 400 million tokens available to fund hotspot hosts.

(Note, this is not financial advice and is purely based on internal price projections. Please consult a qualified financial advisor to assist with investment decisions)

This means that each Host will have approximately 16 tokens per year to reward their participation. With this restricted supply we expect the value of the tokens to remain consistently between \$20 to \$40 USD.

Affiliate marketing commissions

Our dashboard will feature a link to numerous online retailers Our dashboard will exchange OPP Tokens and allow our community to shop on these sites. OPP will benefit from an affiliate partners commission ranging from 5% - 20% on all purchases made. This will generate a significant revenue for OPP.

Advertising revenue

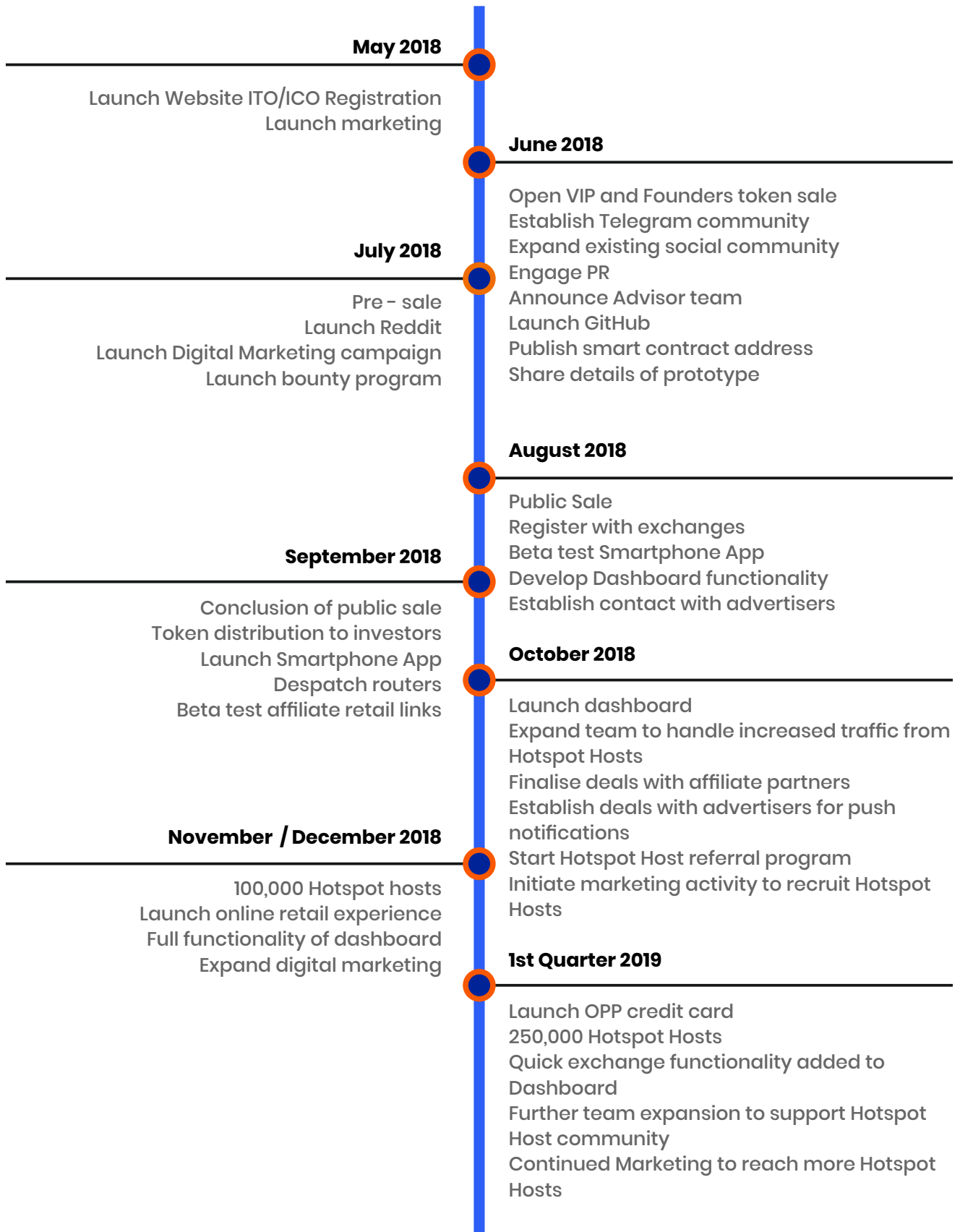
Each Hotspot host will select the number and frequency of advertising messages they wish to receive. These messages will take the form of “push notifications”. Hotspot users will also see advertising messages as they log on to the hotspot.

Advertisers will be billed for each push notification that they send and for each banner advert that is shown to hotspot users. This too will generate significant fiat revenues.

Our forecasts indicate a yearly revenue of 170 million USD

We will use these funds to cover operating costs of the business and to buy back OPP Tokens from the exchanges to make sure that our token reserve and token price is always able to best serve our community

14. Roadmap



15. Projects and experience

Past Projects and experience

A common belief we share is in the power of data. Over the years we have developed different techniques for collating databases of potential customers, first for ourselves and then for our clients. We understand the need for marketing data and how important it is to build a relevant audience for our clients. Data is king!

In 2011, we developed a WiFi Hotspot device which gave our clients the ability to provide branded and secure public WiFi to their customers. As guests crossed the threshold, the system allows WiFi access whilst simultaneously and consensually collecting key data about each customer. The system would then send marketing messages according to the wishes of our client, such as welcoming first time visitors, sending birthday wishes, promoting offers, generating reviews and more.

In 2012, we added social media marketing to our services, particularly Facebook, Twitter and Instagram. Each client is different and requires this service to be tailored to fit. Again, every activity is designed to capture data, grow brand awareness and nurture customer engagement.

In 2014 we committed to specialising in working with Google driven products. To those ends, we recruited our own website optimisation team. Our motivation for this was the growing understanding that we need to be able to offer a complete service and continually develop our collective skills set. Quality and delivery are cornerstones of our ethos.

We have won contracts building systems for thousands of customers small and large, including:



The British Army



Samsung



WHSmith



PLB Group

16. The Team

Our core expertise is in building tech and marketing systems to serve our clients. Whilst we work with many big names, our most important work over the years has been done supporting small enterprise. Small businesses are the heart of any economy and community. It is where the vast majority of the workforce are employed and pay checks generated.

We have built a team of gifted technicians and communicators that understand how to get things done!



Martin Regan
Entrepreneur & CEO



Phillip Legg
Head of Technology
& Security



Leo Antipov
B2B Sales Director



Joanna Nemes
Marketing
Co-ordinator



Violeta Raducanu
Community Manager



Alex Andrei
Community Manager



Alexandra Pascariu
Community Manager



Michael Peach
Market Analyst



Iulian Gheorghe
Senior SEO
Web Developer



Susan Lawry
Head of Accounts



Claire Loe
Accounts



Carina Regan
Email Marketing
Manager

“Years of Service”

OPP Open WiFi Advisors

Part of being successful in business is to constantly be aware of SWOT, Strength, Weakness, Opportunity and Threat. If you are able to honestly audit your SWOT regularly then you will always keep your business safe and healthy.

This was at the front of our planning when choosing our advisors. Our experts are all very much hands on, helping us strategically in all aspects of our business.

We are very happy with our appointments.



Jared Polites
Blockchain Marketing
Specialist



Jorge Rodriguez
Project Security



Mohamed Karim
Blockchain Motivator



T Aravinda Babu
Expert Technology
Adviser