DISCLAIMER: The following technical report summarizes an ongoing project, and showcases WINGS MOBILE’s intention to develop, launch and market certain products and services. Its implementation is based on new technologies, subject to continuous significant changes to adapt itself to the requirements and demands of the market and its customers.
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WINGS MOBILE is a versatile project supported by the following pillars:

- Our approach is based on internal analysis and user opinion surveys from over a dozen countries. The project came about not from the theoretical sophistication of an idea, but from the practical application of an innovative solution to a market segment currently dominated by the big players not able to respond as promptly to.

- The project is focusing on the large and dynamic secure mobile communication and transaction market.

- It creates value for the end consumer through:
  - High-tech solutions for all at affordable prices;
  - An economic approach with social content;
  - Allowing customers to participate in the business through a decentralized distribution and marketing model;
  - Promoting local production centers, avoiding cost overruns associated to tariffs that penalize the lower purchasing power of certain regions (Latin America).

- The initiative is led by a multidisciplinary and international team with ample experience in business project management.

- It is based on a state-of-the-art technology that is largely operational or in its final stages of development.

- To protect the security and privacy of its customers and affiliates, the commissioning of WINGS DATA, a powerful data center located in the Republic of San Marino, is another hallmark of WINGS MOBILE ecosystem.
2.1 About WINGS MOBILE

WINGS MOBILE is a mobile network operator, a software developer and, and since 2017 a producer of electronic products. Thanks to these three business directions, combined with a sophisticated leadership, it perfectly links the current needs of everyday electronic device users with technological innovation, providing high-tech solutions and unique products in the world.

Since its foundation in 2007 until 2016, it has been competing in the wholesale Business-To-Business (B2B) market, offering its services to the main telecommunications operators such as Ono (nowadays Vodafone), Jazztel (Orange), Tata, Belgacom, and many others.

In 2017, the organization decided to enter the retail market, directly distributing its services and products to the end customer and created its own distribution system. This possesses an enormous challenge for a little-known brand, in a market that traditionally is controlled by the large-scale distributors that are preferring well-known and in-demand brands.

WINGS MOBILE has been establishing itself and expanding thanks to a perfect commitment between quality, innovation, and price. This has already helped us earn the ALCI AWARD for “Best Technological Design” given on May 18, 2017 at the Santiago del Bernabéu Soccer Stadium (Real Madrid).

Among the recipients of the Alci Awards 2017 edition, were included the King Emeritus of Spain, D. Juan Carlos I de Borbón, who received the ALCI Honor award; the Real Madrid Soccer Club, honored with the ALCI Architectural Design award for the design of the new Santiago Bernabéu stadium.

Other winners included Cristiano Ronaldo (he received the ALCI SXXI icon), Enrique Iglesias (ALCI Music award), La Union (Vintage Music), the Spanish Swimming Federation (Atrévete Program), Pedro Pablo Parrado (Communicator), Agatha Ruiz de Prada (Fashion). Baroness Thyssen (Art), Patricia Rosales (Luxury Design) and Lorena Morlote (Beauty).

WINGS MOBILE received the award for best Technological Design, due to its state-of-the-art smartphones.
2.2 Milestones

The WINGS MOBILE business model is based on two fundamental pillars: fast development and precise execution.

The world of technological innovation unfolds in a context of continuous and accelerated changes, more intense than in other economic sectors. One month in the technology sector is equivalent to one year in the industrial sector.

The WINGS MOBILE team participates in this philosophy and knows this well since it comes from the technological background.

On July 1, 2017, the WINGS MOBILE project was launched at the Plaza de Barcelona Hotel. The new line of products was officially released on December 9, 2017.

In just 12 months since the product launch, WINGS MOBILE has created a range of high demand services that has a huge potential market. It launched a new distribution formula to compete with conventional models that are used in the telecommunications sector and, finally, a range of cutting-edge and innovative products that incorporate unique technological advances, suitable for a new era of communications and transactions in a secure environment.

2.2.1 Services

- **WINGS MOBILE** – A virtual mobile network operator in Spain, with highly competitive packages both in call services (national calls, international calls - avoiding the extra costs of roaming in over 60 countries) and data.

- **WINGS ENERGY** – Energy retail service provider, offering electricity and natural gas supply services to companies and individuals.

2.2.2 Distribution System

- **WINGS SOCIAL MARKET** - As detailed later on (in point 6 of the Whitepaper), the business expansion is based on an original distribution system that combines “decentralized” (any client can participate in the business by prescribing to Wings solutions) with “global” (a flexible policy of “distribution zones”, providing active entry to online media), based on the concept of Social Media and an exclusive affiliation program.

- **WINGS STORE** – The decentralized model does not exclusively imply cultivating the Online market. There is, on the contrary, a plan to extend a complete network of Technology Stores for the sale of Wings electronic products and mobile services; different type of stores and dimensions, in which the investor risk for the affiliate is minimized.
2.2.3 Products that have been already developed and that are available on the market.

WINGSPHONES:

- **Wings W2** – First low-cost hybrid phone (VoIP / GSM) (2017)
- **Wings W5** – First hybrid phone (VoIP / GSM) with premium features at a mid-range price (2017)
- **Wings W2+** - Hybrid phone (VoIP / GSM) with a fantastic design and quality features at a very affordable price. (2018)
- **Wings W5+** - Hybrid phone (VoIP / GSM) with the most advanced photography system on the market, a cutting-edge and seductive design (a full glass) at an affordable price (2018).

WINGSBOOK:

- **Wings Book** - First laptop with Wings Suite technology available in three sizes: 14”, 12”, 13,3” (2017)
- The new evolved version of **WINGSBOOK** (2018)
- **Wings Book 14” NEW**, with bezel-less screen (without frame) and Wings Suit & Wings Defender technology
- **Wings Book 11.7” POP NEW**, with a 360-degree touch screen and Wings Suit & Wings Defender technology.
- **Wings Book 15.6 XL**, the most powerful WingsBook laptop, with Wings Suit & Wings Defender technology.
2.2.4 Developed Software and Technology

©WINGS SUITE™
Wings Suite is a unique application designed for all simultaneous PC and mobile users, or who find themselves with low mobile battery power. Wings Suite allows users to transfer all WINGS PHONE functions, directly on the laptop (WINGS BOOK), including GSM calls from any mobile carrier.

©WINGS GUARDIAN™
Wings Guardian™ is a security system that verifies in real time whether other installed applications or Trojans use the microphone or camera without the user’s knowledge.

©WINGS SECURE CALL™
WINGS MOBILE secure calls are protected by a triple level of security: TLS (Transport Layer Security) for Internet communication, ZRTP (Zimmermann Real-time Transport Protocol) for an end-to-end exchange protected by encryption keys, and ICE technology for P2P utilities. No VOIP data flow passes through the server, which guarantees that even Wings Mobile can intercept (secure) calls.

©WINGS PLAY STORE™
All Wings Phone™ devices offer an anonymous application store run by WINGS MOBILE. In the normal Play Store, the user must be registered with their personal email, and Google tracks all activity. Wings Play is completely anonymous, and it does not need registration by email and guarantees complete privacy. The application also conducts all of the installation transactions among WINGS MOBILE users and the application developers through the WINGSPAY payment system.

©WINGS SECOND NUMBER™
Second Number, another exclusive service available in all Wings smartphones allows users to choose all additional telephone numbers they need, which can be used to receive and make calls with the second number as the caller identification.

©WINGS WORLD ROAMING FREE™
Wings world roaming free™ is the only system in the world that converts incoming GSM calls into VoIP calls, completely free of charge, in any global area where there is an Internet connection. This technology works independently from the operator used by the user. The user can choose from 60 countries around the world.
©WINGS DEFENDER™

Our Wings Books (PC notebooks) uses the Windows 10 operating system. To ensure high performance and safe use, the integration of a complete and powerful Antivirus like Wings Defender is something that cannot be disregarded. By constantly being updated with all types of Trojans, viruses, malware, it optimizes security and provides the user with full protection, as well as optimizing the CPU, RAM and battery.

©WINGS DIALER™

WINGS DIALER is the first dialer in the hybrid world, which integrates GSM technology with native VOIP technology. This dual system allows the integration of all WINGS special mobile functions on a single dialer (keyboard): secure call, free roaming, a second number, national and international calls with VoIP transport, free calls, etc.

The main advantages are related to an integrated use that allows the user to have several calling options, in a single dialer, and without relying upon external applications. Also, calls with native VoIP technology, excluding other VoIP clients, are not canceled if there is a second GSM call. In this case, the GSM call simply receives a busy signal as in the normal GSM system.

©WINGS VOIP CALL™

Through the VoIP technology, WINGS MOBILE offers all Wings Phone or Wings Book owners the possibility of using exclusive VoIP services. In a very simple way, once the recipient has been chosen, the user decides whether to make the call through the GSM network or through the VoIP network.

Wings Mobile uses the transference of voice data through VoIP technology only in the first part, that is, from the user to the Wings telephone station. From this moment on, the call is redirected through the GSM or PSTN network of the call's destination country. This mode allows making calls that do not differ at all with the GSM already being used.

Thanks to this service, WINGS MOBILE offers special rate plans, which allows for 90% in savings compared to some markets that are not yet mature such as Latin America or with high prices, as it is the case with the African continent in almost all international calls.

©WINGS BACKOFFICE™

Wings Backoffice is the heart of WINGS MOBILE: the software that allows the management of the commercial and distribution system.

The software manages the distribution, billing, calculation, and settlement of commissions, logistics, warehouse, payment method, and e-commerce.

Designed to be multi-language, multi-country, it allows to implement and develop a new business unit in a new market, in less than 60 days.
2.2.5 Our Business Expansion

The demand for WINGS MOBILE products is so high that it has forced us to accelerate our expansion plan, going from the 36 months originally planned to only 18 months.

WINGS MOBILE expansion plan foresees the opening of 36 territorial delegations throughout the world, each constituting as a Business Unit.

An opening of Business Units has been projected in all countries which represent an interesting market for WINGS MOBILE, with the purpose of facilitating and coordinating the distribution of products and services through the Social Market, Wings Stores, and Professional Sales.

WINGS MOBILE is projected to open the following new business units in September 2018:

- **WINGS MOBILE Peru** – Business Unit in Peru.
- **WINGS MOBILE Colombia** – Business Unit in Colombia.
- **WINGS MOBILE Ecuador** – Business Unit in Ecuador.

2.3 Our Vision and Mission.

WINGS MOBILE understands that the mobile communication market is evolving irreversibly and has unstoppable momentum; and that beyond the traffic of information through voice (calls) or data (with all the applications available for smartphones), it will soon constitute as the main channel for financial exchanges and sensitive information. The key is to harmoniously evolve in security protocols and tools that could facilitate cryptocurrency exchanges.

The mission of WINGS MOBILE is to create devices capable of raising the standards of CRYPTO SECURITY. Also, through WINGS PAY, which has a foundation based on a real economic system already underway, the company is implementing the concept of USABILITY for all crypto users who wish to buy goods using digital currencies, but who currently cannot find online platforms or physical stores where it is possible to do so.
2.4 WINGS MOBILE Tech Core Team

ANTONIO MILIO
CEO & CoFounder
2017 Present CEO & Founder “WINGS MOBILE” (Spain)
2008 – 2017 Coo & Founder “Uppertel” (Spain)
2003 – 2007 Coo & Founder “Voiplab” (Spain)
2003 - 2007 Coo & Founder “Holaphone” (Spain)
2001 - 2003 Marketing Director & Founder “TH PROVIDER” (UK)
1998 - 2001 Marketing Director & Founder “Easytel” (Italy)

ANDREA DELLA BALDA
Carrier Develop. Director
2018- Present - Carrier Developing Director “Wings Mobile”
2006- Present - Vice Ambassador Da la “Republica di San Marino” in Spagna
2005-2018 - Coo & co-founder “San Marino Telecom”

FABRIZIO MELI
General Manager
2018- Present. GM Wings Mobile
2016-2018: AD “JLM SrL”
2009-2014: AD “L’unita”
2006-2009: AD “Tiscali Media”

SEBASTIAN LUCERO
CTO
2017-Present: CTO Wings Mobile
2016-2017: Senior Developer “EBAY” California (USA)
2016-2016: Senior developer “Aula Maula” - Argentina
2009-2014: CTO “Easy Ip Call”
2003-2009: Senior Developer “VOIPLAB S.A.”

ALESSANDRO TRAVERSARI
Technical Device Director
2017-Present: Technical Device Director “Wings Mobile”
2017-2018: Product Manager “Radionarelli”
2015-2016: CEO “Tips Communication” (Dicira, Radio marelli)
2000-2015: CEO “Delta Service Communication” (Sony, Ericsson, Nokia)
1994-2000: Chief technical Laboratory “Globe Communication” (Tim)

LORENZO BOVE
Cyber Security Director
2018 - Present Cyber Security Director “Wings Mobile”
2017 - 2018 Project Manager “Radionarelli”
Sector: Manufacturer of military devices
2014 - 2016 Studio ITA - Sector: Engineering, Job occupied: Project Manager
Missions or tasks realized. Quality control of plants and industrial systems
2008 - 2016 Italian state - Sector. Critical infrastructures, Job Occupied. Analyst
Mission or tasks realized. Analysis and protection of critical infrastructures. Monitoring and analysis of information asymmetry with foreign countries.
In relation to the market in which WINGS MOBILE operates and its mission, we can identify FIVE important problems. We will analyze them below:

3.1 Security and vulnerability of e-wallet accounts

The expansion of technology and the financial logic that allows generating cryptocurrencies, as well as mining and online commerce, have exponentially increased the interest of criminals in this new market. Attempts to violate the e-wallets in which these digital coins are deposited are becoming more frequent.

The awareness of the robustness and inviolability of blockchain systems has created the false myth that e-wallets are also robust. Nonetheless, access to these virtual wallets through smartphones and personal computers, which were not designed to guarantee high standards of security and privacy control, has revealed a concerning vulnerability for hackers.

Now, people are aware of the need of accessing a series of permissions, some which are probably useless, in order to download a mobile application from a store. Less known is the fact that from thereon, we are losing the ability to really understand how and when our personal data (photos, contacts, camera, microphone, etc.) are used by the application we have just downloaded.

To address this problem and provide greater security to its customers, important software companies have already developed widespread messaging applications such as WhatsApp or WeChat and have introduced the end-to-end encryption. Unfortunately, this is not enough because although an application can be protected, we cannot protect a system attacked by malware which we have downloaded and that without our consent, would have the ability to record telephone conversations, memorize what we wrote on the keyboard or make “screenshots” or “photos” of our screen.

To avoid this type of attacks, it is necessary to protect smartphones not only from external intrusions, or attacks that are channeled through applications but by working on the “physical” architecture of the terminal, redesigning the entire architecture, even at the hardware level, to look for a new high-level security standard.

We are witnessing the birth of hardware or cold storage devices, very similar to USB devices, which allows us to have a physical e-wallet disconnected from the network. Which is certainly interesting but focusing the problem on the e-wallets does not completely solve the problem. And it does not provide us security or protect our privacy when using our smartphone or PC.

On the other hand, as users, we suffer the result of all of these protection attempts because mobile applications and system developers, whose costs are very high, have focused exclusively on security without taking into account the ease of use and compatibility of smartphone applications to which we are accustomed to connecting us with the world.

At WINGS MOBILE, we want to combine within a single device, the security and the guarantee that a cold storage hardware can offer against external attacks, and the versatility and compatibility of the smartphone.
3. CURRENT PROBLEMS

3.2 Privacy – monitoring of our phone conversations

The possibility that our phone conversations are intervened by third parties is increasingly likely. With the introduction of end-to-end encryption, used by instant messaging applications such as WhatsApp, Messenger, and Telegram, users are supposedly protected by encryption, because encryption makes the messages illegible by hackers.

The end-to-end encryption (sometimes abbreviated as e2e) was created to specifically to provide protection against attacks by hackers who in order to steal information and personal data, attempt to “intercept” communications between two or more users. As it is made evident from the name (“man in the middle”), the attacker is placed in the middle, between the transmitter and the receiver. In doing so, the messages sent by the sender end up in the hands of the hackers before reaching its destination. The attacker can store the information collected and use it as he wishes.

The obligation of the “man in the middle”

Perhaps few people know that even-though the end-to-end encryption was introduced by the giants of instant messaging to protect their users, there is a regulation which requires those multinational companies to use human element in the middle of the communication chain.

Everything we say is listened to, stored and available to external parties who have the possibility of accessing the history of our phone conversations.

The research and development of systems and management of large volumes of data in real time, and the advances in voice recognition in order to raise the level of security, has resulted in a series of doubts about the transparency with which technology is being used for “targeting advertising” or segmentation of audiences whose analysis may generate an interesting economic reward.

Our goal is 100% privacy

A characteristic with which we want to offer to the WINGS MOBILE community is that of a genuine and authentic privacy, allowing our users to make phone conversations not only in the anonymity, but also avoiding the intrusion of hackers, government agencies or any third party from accessing or storing phone conversations or, in a broader sense, communication flows, without authorization.
3. CURRENT PROBLEMS

3.3 Unfair price - economics of centralized production

WINGS MOBILE has always been very sensitive to inequality and socioeconomic differences between countries. The manufacturing of consumer electronic products (smartphones, PCs, etc.) is very much carried out by certain economies in Southeast Asia, and most of all by the “great Chinese factories”. The latter has triggered a number of conflicts, such as those arising from imposing high tariffs, which ultimately ends up affecting the price of imports in many countries, especially in developing countries.

This logic of defense of the national market attempts to artificially rebalance the trade balance, the import and export relationship of developing countries. However, it rather limits and impoverishes the end consumer, which is forced to pay for the same product even 100% more compared to the consumer of a nation that produced the product.

By analyzing Apple’s products, one can easily conclude with the help of reliable statistics that price varies according to the country, which is mainly based on the tariff policy. Thus, an Argentine consumer has access to the same device paying 110% more than an American for merely political reasons. Also, the price discrepancy favors the parallel and illegal importation of products from neighboring countries, which may not administer import duties for electronic products so severely.

One way of tackling the problem may be to reduce tariffs. Although going to the root of the problem, ideally one should stimulate the national production. This would not only eliminate the conflict of tariffs, but it would stimulate the national economy by creating workplaces, valuable infrastructures, and employment.
3. CURRENT PROBLEMS

3.4 Zero value in exchange translates to zero “usability”

The expectation generated by cryptocurrencies has been manifested with controversy. Can they effectively become pillars of a new financial system? Or, could they technically even be qualified as money? Can the same criteria applicable to money be applied to estimate cryptocurrency’s “value”?

The conventional monetary theory attributes three characteristics to money:

- **Money is a means of payment:** By having a recognized value, it can be exchanged for other goods or services (or even other currencies, in the currency buying and selling markets). It depends on the expectation that other people accept it as such.

- **Money is a unit of account:** As a bearer of value and a substitute for barter, the goods, and services that are exchanged are susceptible to measuring their “value” in terms of money.

- **Money is a store of value:** It is the function of an asset that can be saved, retrieved and exchanged at a later time, meaning it must hold its value for future use.

For the Austrian school of economics, undoubtedly the main purpose of money is to be a means of exchange, while the unit of account and the deposit of value are secondary. And this is where the realm of cryptocurrencies, for now, has its weakest point. Using cryptocurrencies to buy goods or services is very complicated — both in online transactions and, of course, offline. This is true even for the most widespread or distributed cryptocurrency, such as the Bitcoin.

This thus generates a “vicious circle”: if cryptocurrencies are not used for buying, what is the purpose of putting a value of change (price) on goods and services, in relation to cryptocurrencies? The first two attributes associated with money are therefore compromised. So far, no cryptocurrency is a universal mean of payment nor a unit of account.

*Will they at least be a store of value? We shall reflect on this in the following point.*
3. CURRENT PROBLEMS

3.5 No guarantee of value and lack of credibility of projects based on cryptocurrencies.

If the use of cryptocurrencies is extremely limited, what’s their use? How to estimate its real or potential value? How does it affect their value when almost nobody accepts them as a means of payment, that is, do they have no “usability”?

Distrust born out of unanswered questions translates into volatility. Thus, the value of cryptocurrencies has large ranges of fluctuation and, unfortunately, the volatility that has characterized the price of cryptocurrencies since they have been accounted by the markets (2009) is due to widespread doubts about their ability to generate value.

Many newly issued cryptocurrencies have been subject to intense speculative movements that have even reduced their price to ZERO, generating serious damage not only for their promoters but, undoubtedly, for many holders who have seen their value evaporated.

All of the aforementioned generates great confusion: the price of Bitcoin rises, and this increases the price of cryptocurrencies; Bitcoin price falls and, conversely, it drags the value of other virtual currencies. Where are the fundamentals of value?

This lack of credibility also affects business projects based on cryptocurrencies. In 2017, 913 projects launched an Initial Coin Offer (ICOs) to finance their business plans. The nature of them is varied and their classification is compromised due to rapid changes in the market.

But according to study from Tokendata, of the almost one thousand cryptocurrencies that were launched in 2017, 142 did not obtain funding, and another 276 have disappeared, either because they did not generate enough interest or because they were directly a scam; and additionally 113 cryptocurrencies are on the verge of disappearing because they cannot satisfactorily implement the plans drawn in their white papers.

All of the latter invites us to reflect on the key aspects that have motivated the failed financing-investment processes.

We want to highlight main factors why many ICO projects have failed:

3.5.1. Badly chosen geographical area

A notable percentage of the failures come from initiatives in developing countries. The institutional framework surrounding the project is the key since business flows take place in the real world.

3.5.2. Wrong priorities

The revaluation of cryptocurrency must be a result of the growth of the project and a well-founded objective by the promoter team. However, on many occasions, the sequence of discounts in the round of ICO seems to become the main axis of the whitepaper, distilling with it an uncomfortable aroma of short-term speculation.
Similarly, a sensible design of the discounts and allocating a well-weighted and not exaggerated part to the promoter team or initial investors are aspects that many initiatives do not take care of, indirectly revealing the weakness of their ecosystems or an inconsistently speculative approach.

3.5.3. Unclear and poorly defined business variables

Most whitepapers do not clearly justify the role that cryptocurrency and blockchain technology have in their business ecosystem. The briefness of many plans, whose innovative shortness began to be interpreted positively as another example of how these initiatives simplified and democratized investment, has ended up marginalizing, in many cases, basic explanations of the underlying business model. There have even been cases of plagiarism, perverting the nature of the whitepapers, which have been transformed sometimes into real pamphlets without solvency and rigor.

3.5.4. Sectors that are difficult to access and not very dynamic

In other cases, the enormous specificity of the initiatives has met with an extremely small and hard to access target audience.

3.5.5. The degree of project maturity

In this sense, even knowing that often innovation is born a long way from the “project coming to life” (financing is the support that would help cover that gap), and entrepreneurship has been generalized without a single business plan. Thus, creating a tortuous path, complete of unknown things until the final solution. Investors are increasingly skeptical regarding these approaches.

3.5.6. Reputation and professionalism of the promoter team

In the absence of regulation, a safeguard of the investor resides in the reputation and capabilities of the promoter team, whose image is compromised in the good course of the initiative. Every initiative, after all, ends up being a projection of the profile and vision of the management team.

3.5.7. Innovation and technical reliability

Some projects succumb, even in their own ICO, for the unforeseen traffic of users to their servers, which become saturated and thus collapse. Which alerts on fundamental issues. Are the technical parameters that define the project well measured? Similarly, the detail of the smart contracts sometimes does not coincide with the plans detailed in the whitepaper, which signals fraud to investors.
WINGS MOBILE is an extremely dynamic company focused on security technology. Therefore, in a world oriented and evolved towards new technologies, even in financial uses, it could not be indifferent towards security problems in the world of cryptocurrencies.

In this regard, the idea of building a true WINGSMOBILE ecosystem, based on the creation of its cryptocurrency, BITWINGS came to life. And activate, with that combination, a powerful program of technological evolution and global expansion.

In doing so, we have tried to be faithful to some business principles (point 4.1), to offer them a differential solution that allows us to add value and overcome all the problems analyzed in previous pages (point 3).

4.1. **First pillar: business principles**

4.1.1. **Business ecosystem**

The business axis must be innovative and have growth potential. The evolution of the WINGS MOBILE ecosystem will guarantee the value of BITWINGS. Whoever participates in the currency, is in some way involved in the economy of their issuing country and will have a more valuable asset as the country strengthens its competitiveness against others.

WINGS MOBILE combines innovation and positioning in a dynamic sector, such as secure mobile communications in an environment of growing financial exchanges. Technical solvency and a coherent growth plan are the main attributes of our model.

The following pages will develop this complete model.

4.1.2. **The team and its vision**

The success of a project is closely linked to the people who lead it. Who leads the business? Do they have previous business experience? Do they know how to do it, and can they explain it reliably? Is the sequence of corporate and business milestones well planned? Is there a detailed plan? Have certain stages of the business been already completed or are we facing an embryonic idea whose journey will be long and subject to all types of imponderables? Good business expectations always carry risks: the key is to gauge by who and how such risks will be managed.

WINGS MOBILE is a solid team, led by professionals with ample experience in the creation and management of different companies. There is a great multidisciplinary preparation, which covers technology, engineering, telecommunications, the financial world, marketing, the management of commercial networks and business strategy.
4.1.3. ICO Profile

When the launch of a project is based on an Initial Coin Offer (ICO), the operation does not only have to be well designed, defining all the key aspects of the business; but to offer a guarantee scheme that prevents unwanted situations or abuses protected by the lack of regulation. Many newly issued cryptocurrencies have been subject to intense speculative movements that have even reduced their worth to ZERO, generating serious damage not only for their promoters but, undoubtedly, for many people who have seen their value evaporate.

The initial offering of BW is intended to strengthen the financial base of the project to address the Business Plan at the planned expansion rate. And as a maximum guarantee of confidence in the strength of the project, every holder of BITWINGS (BWN) can rest assured that they can always convert their cryptocurrency into high technology products and services, trust that there will be a growing volume of exchange, and be confident that, as we will explain later on, the value of our cryptocurrency is guaranteed, which will never be lower than its issue price.

In short, WINGS MOBILE business model and the technical and operational competencies of its cryptocurrency, the BITWINGS (BWN), allows to identify the project described in these pages as a solvent and differential project; a reliable project to the point that the promoter team is able to guarantee its convertibility and the value of its currency at the issue price.

4.2. Second pillar: security of the devices.

WINGS MOBILE is developing its second generation of products:

The WINGS WX ™ smartphone and WINGS X BOOK ™. These devices will work with the SAFE CORE OS ™ WINGS MOBILE operating system, based on Android, with an ultra-secure encryption core.

Although all WINGS MOBILE products, current and in development, are available to be purchased with other crypto and FIAT currencies, using native cryptocurrency BitWings will give them the 10% discount from the maximum retail price.
4.2.1. Wings WX™ Smartphone - The Minephone

The blockchain phone is the first NEURAL hybrid phone (VoIP / GSM / NeuralChip); unique in the world for its highest level of security, both in terms of hardware and software.

- **High-level specifications:**
  
  Target price range: 6000 Bitwings Token

- **Blockchain Features**

  **SAFE CORE OS™:**
  - Triple Factor Authentication
  - Cold storage Cryptographic e-wallet built into the hardware
  - Built with neural technology
  - Proof of Data algorithm that allows to generate up to 2 ETH a month

- **Hardware specifications**

  **PHYSICAL SPECIFICATIONS**
  Dimensions: 153.4 mm x 74.4 mm x 8.3 mm
  Weight: 165g
  OS: Android P & SAFECORE
  Color frame: Sapphire Blue, Champagne Gold, Deep Black.
  Frame material: Ceramic, Metal, Glass.
  Display: 6.2” FHD+
  Screen resolution: 1080 x 2246 px
  Pixel density: 403 ppi (pixels per inch)
  Screen protected by a 3D curved glass screen
  Additional screen specifications: capacitive, multitouch.
CHIPSET AND SENSOR
Chipset: MediaTek Helio P60 - AI CPU
CPU specifications: Octa Core - 4x A73 2.0GHz + 4x A53 2.0GHz
GPU Specs: ARM Mali-G72 MP3 800 MHz
RAM specifications: 6GB
ROM / memory: CRYPT STORAGE 96GB + 32GB (128GB)
Memory card: up to 256 GB (128 + 128), microSD, microSDHC, microSDXC
Sensors: accelerometer, fingerprint, light, proximity

CAMERA SPECIFICATIONS
Dual camera specifications: SONY 24MP + 16MP
Flashlight; LED
Rear camera: SAMSUNG 16 MP + 8 MP.
Front camera specifications: SONY 16 MP + 8 MP
Facial and scene detection; Hardware Warping Engine (EIS); Anti-Blooming Engine; MEMA
3DNR; Multi-Frame noise reduction; HDR recording and viewing in real time; Zig-Zag HDR;
RAW multi-frame HDR; PDAF
Video recording per second: 30 fps / 96 fps

BATTERY SPECIFICATIONS
Battery: 3550mAh SemiSolid Lithio Technology
Battery Standby Time: 600 hours
Talk time: 24 hours
Video call time: 16 hours
Rapid charge: 45 minutes full load: fast charging technology

FUNCTIONS OF THE NETWORK OF NEURAL PROCESSORS
Call encrypted in hardware
Intelligent management of battery and recharge
Optimal camera management
Recognition of objects, faces, and scenes
Smart management of GSM and data band
Recognition of network problems (for example, IMSI Catcher)
Recognition of abnormal behaviors, such as intrusion attempts (Trojans, malware, backdoors)
or interception attempts (MITM attack or IMSI Catcher)
Complete data erasure when the phone gets compromised.

SOFTWARE WINGS INCLUDED (described in subsequent pages):
- ©WINGS SAFE CORE™
- ©WINGS NEURAL FACE ID ™
- ©WINGS GUARDIAN 2.0™
- ©WINGS PAY EWALLET ™
- ©WINGS SECURE CALL™
- ©WINGS PLAY STORE™
- ©WINGS SECOND NUMBER™
- ©WINGS WORLD ROAMING FREE™
- ©WINGS VOIP CALL™
- ©WINGS DIALER™
- Super Natural Speech system called Angel
4.2.2  Wings X Book™ Laptop

The first dedicated high-security laptop available in two versions: 15.6” & 14”

• High-level specifications

  Target price range: ~$999

• Blockchain Features

  **SAFE CORE OS™:**
  - Triple Factor Authentication
  - “Cold storage” cryptographic wallet incorporated in the hardware.
  - Built with neural technology

• Hardware specifications

  **PHYSICAL SPECIFICATIONS**
  - CPU: Kaby Lake-R i7-8550
  - Operating system: Windows 10 & SafeCore OS
  - Screen: 14.1” - 15.6” 4K Display (two versions)
  - RAM: 8 G
  - Storage capacity: 224 GB + 32 GB CRYPTO STORAGE (256 GB)
  - WiFi/BT: 802.11 a/c/b/g/n /
  - Camera: 2MP
  - Keyboard: Backlight
  - Supports: Hall Switch, Fingerprint
  - I/O: 1 USB3.0, 1 USB2.0, 1 Mini HDMI, 1 micro-SD, 1 microphone, 1 Audio Jack, 1 DC

  **DIMENSIONS**
  - 275 * 191 * 12.8 mm (15.6-inch version)
  - 330 * 227 * 12.8 mm (14.1-inch version)

  **BATTERY SPECIFICATIONS**
  - 5000mAh/7.4V (versión 14.1”)
  - 8000mAh/7.4 (versión 15.6”)
  - Battery Timing:
    - Stand By: 96 horas
    - Video play Time: 8 horas

  **WINGS SOFTWARE INCLUDED:**
  - WINGS SAFE CORE™
  - WINGS NEURAL FACE ID™
  - WINGS GUARDIAN 2.0™
  - WINGS PAY EWALLET™
  - WINGS SUITE™
  - WINGS DEFENDER™
  - WINGS SECOND NUMBER™
  - WINGS VOIP CALL™
  - WINGS DIALER™

Super Natural Speech system called Angel
4.2.3 SAFE CORE architecture and operating system.

Android is a Linux virtual server. WINGS SAFE CORE OS is a secure Android based operating system.

Although using a closed and secure operating system can guarantee security and impenetrability, it does not allow any compatibility with Android, since it would make it vulnerable to the daily applications that are freely installed.

This premise could severely limit its use, forcing the end user to use two different phones. One for protected use and another for the various commonly used applications such as WhatsApp.

WINGS MOBILE opts for the hybrid integration of the two operating systems, with a secured Android within a commercial Android. Thanks to this integration, we have created a dual operating system for WINGS MOBILE devices. The Wings Safe OS is based on an encrypted and secure partition (32 GB) of storage memory and is completely independent of the main Android system. No application or Android API have access to Wings Safe OS.

It thus becomes a unique, safe and impassable system in which the only form of accessing it, is linked to the triple system of personal control: use of facial identification based on neural technology, fingerprint identification and personal identification number (PIN). Wings Safe Core is designed to keep the most sensitive user data safe: your e-wallet, banking, and financial applications, sensitive photo and video galleries, and everything else that is important to you.

The architecture

Here we describe the architecture of our device where it is shown how it can better manage the use of standard applications with those that require greater security.

- Application Wings Layer
- Neural Secure Launcher
- Application Framework
- Secure Neural Libraries
- Wings Kernel.
- Secure Boot Loader
- Crypto Storage Hardware (CSH)
We describe the various blocks that make up the entire architecture.

**Application Wings Layer**

Located at the top of the Safe Core OS, are the Wings applications. In this section are included only the native Wings applications provided with the implementation of Safe Core OS based on Android:

![Wings Applications](wings_applications.png)
Neural Secure Launcher

The Neural Secure Launcher (NSL) is a program that allows you to change certain features of the user interface, such as the appearance of the main screen and the application menu.

NSL is responsible for authorizing and regulating access to telephone resources, using native Wings applications such as the Neural Face ID and the Triple Factor Authentication (Neural Face ID + Finger Print + ID PIN).

Application Framework

In this section of the layer are included only the native applications Wings and Safe Box.

WINGS APPLICATION:

- WINGS NEURAL FACE ID™
- WINGS GUARDIAN 2.0™
- WINGS PAY EWALLET™
- WINGS PLAY STORE™
- WINGS DIALER™ which includes the following software:
  - WINGS SECURE CALL™
  - WINGS SECOND NUMBER™
  - WINGS WORLD ROAMING FREE™
  - WINGS VOIP CALL™.

WINGS SAFE BOX™

To protect private applications, e-wallet, private photos and videos, important documents Safe Box is providing a secure container that can only be accessed by the owner of the device.
Secure Neural Libraries

This application layer has the Wings secure libraries and the Neural Wings libraries, in addition of Android based libraries like open source WebKit web browser engine, a libc library, an SQLite database that is a useful repository for storing and sharing application data, libraries for playing and recording audio and video, SSL libraries responsible for Internet security, etc. Together they offer greater control over the analysis and security management of the device based on the following main factors:

- Recognition of abnormal behaviors, such as intrusion attempts (Trojans, malware, backdoors) or interception attempts (MITM attack or IMSI Catcher).
- Threat forecasts and adaptation to them.
- Identification and elimination of existing vulnerabilities.
- Detection and blocking of cyber attacks with a speed and efficiency far superior to human analysis.
- Increase the calculation capacity for encryption algorithms.

Wings Kernel

Wings Kernel is positioned at the bottom of the layers. Wings Kernel is based on Linux. This provides a level of abstraction between the hardware of the device and contains all the essential hardware drivers such as camera, keyboard, screen, etc. Wings Kernel manages in secure mode networks and a wide range of device drivers, to relate the interface with peripheral hardware.

Secure Boot Loader

The Secure Boot Loader (SBL) or secure boot has been implemented by Wings in all Wings X series and guarantees the integrity of the device software. During startup, the SBL analyzes each boot stage, to verify the integrity and authenticity of the installed software before executing it, in addition to checking at the hardware level that no application with root privileges has made any changes to our file system.

Any integrity violation that is detected during startup is reported through a warning on the local device and the startup sequence is blocked.

Crypto Storage Hardware (CSH)

CSH is a secure hardware element formed by an encrypted and secure partition (32 GB) of storage memory. CSH is able to securely store confidential and cryptographic data like key management as all other user’s sensitive and private documents.
4.3 **Third pillar:** privacy through software and technology.

WINGS MOBILE aims to offer innovative and secure solutions to ensure privacy and protect confidential data. To do so, it uses and develops the latest technologies and software programs and applications, which are constantly evolving.

WINGS MOBILE integrates neural technology within its new devices starting from the X series to increase the level of security of the software already developed and to create new and increasingly dynamic solutions that provide greater protection.

### 4.3.1 - NEURAL TECHNOLOGY

Thanks to the implementation of the new MediaTek Helio P60 NeuroPilot™ CPU, WINGS MOBILE new devices enter the neural era with the implementation of artificial intelligence, which improves and greatly accelerates the efficiency of following elements:

- Deep learning facial detection (DL-FD)
- Calculation capacity for encryption algorithms
- Embellishment (photos, videos) in real time with new overlays
- Identification of objects and scenes
- AR / MR acceleration
- Real-time improvements
- Higher photo and video quality
- CPU + GPU = up to 70% more performance

Neural technology allows improving existing software geared toward security and privacy protection. It is the basis on which new exclusive and unique applications are being created to increase the degree of security and interaction with the end user. This allows us to develop a new software and hardware architecture that guarantees a total degree of security.

### 4.3.2 - WINGS 2.0 SECURE COMMUNICATIONS

WINGS MOBILE secure calls are protected by a triple level of security: TLS (Transport Layer Security) for Internet communication, ZRTP (Zimmermann Real-time Transport Protocol) for an end-to-end exchange protected by encryption keys and ICE technology for P2P utilities. No VOIP data flow passes through the server, which guarantees that even Wings Mobile cannot intercept secure calls.

Using new neural libraries, our goal is to create greater security by improving the pre-existing encryption algorithms (Diffie-Hellman elliptic curve (up to 384 bits) for the exchange of end-to-end AES encryption keys (up to 256 bits) for confidentiality and HMAC-SHA1 for authentication.

WINGS MOBILE does not use the Man in the Middle systems because it would have no effect since no audio stream passes through the WINGS MOBILE server due to the very nature of technology that is being applied.
4.3.3 - WINGS NEURAL FACE ID

Neural Face ID is a software that allows filtering access to the smartphone, thanks to the biometric 3D control of the user’s face. Thanks to neural technology, which greatly improves the speed and details of visual and biometric recognition, Wings Neural Face identification allows the user to display a different menu application based on predefined biometric and visual filters.

To better clarify the concept, if a user accesses the phone next to another person, the neural identification device (of the face) immediately recognizes the presence of the second or third person and depending on the configuration set by the user, it will show a different menu based on the configuration set by the user.

The configuration is done by creating second biometric profiles, simply by selecting photos of people who can access the user’s phone and filtering the content of the menu and the application according to the biometric profile. It can also create profiles with zero or limited access if those who have access to the phone do not have a photo uploaded as biometric profiles.

4.3.4 - WINGS GUARDIAN 2.0

Unlike the current version, the new WINGS GUARDIAN 2.0, through the new neural libraries, has a more exhaustive control over the smartphone peripherals (camera and microphone) and also facilitates the control regarding the use and access by any third-party application.

All user data that may have a confidential characteristic are under surveillance and protection, for example:

- Access to contacts
- Access to the Gallery (photo and video)
- Internet access (sending files and use of the Internet by third-party applications)
- Access to SMS (improper use of SMS without the user’s knowledge)
- Phone access (improper use of phone calls without the user’s knowledge)

WINGS GUARDIAN 2.0 verifies and warns the user if an application accesses and/or uses sensitive data from the phone and blocks and removes Android permissions. Wings Guardian 2.0 also works when the phone is in Sleep Mode.

4.3.5 - WINGS NEURAL CYBER PROTECTION

Within security, AI (Artificial Intelligence) is increasingly used to predict, identify and eliminate cyber threats fast and efficient that otherwise would not always be possible by human analysis.

Thanks to the implementation of Neural technology, WINGS MOBILE offers for its devices greater control, analysis and security management based on the following main factors:
• Recognition of network problems (for example, IMSI Catcher)
• Recognition of abnormal behaviors, such as intrusion attempts (Trojans, malware, backdoors) or interception attempts (MITM attack or IMSI Catcher)
• Threat predictions and adaptation.
• The detection and blocking of cyber-attacks is far superior to human analysis both in speed and efficiency.

4.3.6 WINGS PLAYSTORE 2.0

The new version of WINGS PLAY 2.0 is not simply an anonymous app store. But rather it becomes its own application market with a blockchain payment system called WINGSPAY.

Thanks to this integration, one will also have the possibility of purchasing paid applications. Registering for WINGS PLAY is not required. This guarantees that your download is kept anonymous, and since it is integrated with WingsPay, we can also guarantee that the payment is made immediately and anonymously.

4.3.7 WINGS DATA

Despite the arrival of blockchain technology, the form of communication and the use of media protocols is not modified. In fact, one can apply it in GSM or VoIP technologies, to guarantee anonymity.

The communications must have signaling between servers, proxies, and clients. With Secure Call, WINGS MOBILE guarantees that the audio content cannot be intercepted, but the reports go back to the holders of dynamic or static IP, used at the time of the conversation.

This is also necessary with payment gateways, banking systems or confidential distributed data (worldwide, even with those that revolve around different blockchain solutions). To ensure maximum privacy and security, WINGS MOBILE created WINGS DATA, a data center located in the Independent Republic of San Marino (not a member of the EU) which ensures that the entire WINGS MOBILE ecosystem, including customers and users, operate in an ABSOLUTELY secure communications environment/system, and their data are protected not only by the highest standards of crypto security but also by the special legal status of the aforementioned Republic of San Marino as an added safety measure.

San Marino has been immersed for months in modernization of telecommunication systems with the Chinese technological giant ZTE to transform the former Republic into one of the first smart countries and intelligent data banks in the world.

WINGS MOBILE has signed a purchase agreement for 70% of the GLOBALTEL Srl project, renamed WINGS DATA, for an amount of 5M Euro with DA VINCI LIMITED HK, a company specialized in creating digital and communication infrastructures, the official partner of
the Chinese producer ZTE. WINGS DATA is a structure of 2,000 square meters, equipped with state-of-the-art technologies and certified by TIER, for the secure management of data and guarantees service continuity 24/7.

With WINGS DATA we intend, through an advanced concept of DATA CENTERS:

- To ensure that sensitive data of all WINGSMOBILE users is protected in an absolutely protected environment.
- To offer renting & data services with security and privacy guarantee.
- High data protection thanks to the special legislative conditions of a country which is not a member of the EU.

Currently, it is the only DATA CENTER in the Republic and is in the process of collaborating as a qualified partner of the SMART SAN MARINO project, offering the widest range of additional services under the WINGS DATA umbrella. For this purpose, a complete remodeling is planned for the second semester of 2018 with the following key points:

- The integration of a photovoltaic system, which allows to reduce 20% of the total cost of the electric bill.
- The creation of a 1,000 m² dedicated and specialized area for hosting servers geared towards “mining” work in the universe of cryptocurrencies.
- The creation of a 1,000 m² facility for renting private spaces and data centers. The State of San Marino already reserves 600 m².

In addition, the low cost of electricity, which will be further optimized with the 1,000 m² of photovoltaic roof, will create a differential advantage that will allow, together with the aforementioned factors, to attract actors and investors involved in the mining of cryptocurrency.

In short, WINGS DATA has the following main advantages:

- High data protection thanks to the special legislative conditions of a country which is not a member of the EU;
- The only existing TIER II-III certifiable structure;
- Energy costs 40% less than in Italy and the south of the EU in general;
- Further energy cost reduction due to the installation of a photovoltaic roof;
- Contained structure and production costs: 50% more competitive than in the EU;
4.4 Fourth pillar: fair price through the decentralized social economy

It is important to support developing countries by encouraging the use of current technologies in order to reduce the technological and professional gap with the most advanced countries. Making progress on this front would help to balance international trade flows, reduce inequality, and achieve more fair globalization.

In this philosophy, WINGS MOBILE has decided to create “assembly centers” and factories in different geographical areas. In such a way that WINGS MOBILE products are not considered a “made in China” anymore.

This decentralized conception aims to take advantage of several strengths:

- Involve suppliers locally in the TOTAL QUALITY philosophy of WINGS MOBILE products and services for greater control.

- To homogenize the costs, adapting them to the capacity of each territory in the spirit of offering its products at a single price in all countries covered by the distribution.

- Promoting the development of local markets and facilitating the flow of goods without having to incur in any penalties of bilateral and associative relations (such as MERCOSUR) in the form of tariffs or obstacles that end up affecting the final consumer.

Thanks to this production strategy, we will distribute in a transparent and totally legal manner, the WINGS MOBILE products in the least developed countries at the same price as in Europe and the USA.

4.5 Fifth pillar: money is a means of payment.

Owning BITWINGS (BWN) allows its holders to store and exchange BWN with other cryptocurrencies from an environment with the highest standards of cryptographic security, specially adapted to mobile devices, taking advantage of the native technological utilities of Wings devices (a synthesis included in this section).

But compared to the set of cryptocurrencies, BWN is an effective and immediate means of payment. Contributing to that point of view a differential value which is unattainable for many other virtual currencies in the short term.

BITWINGs is a cryptocurrency of legal tender in the Wings ecosystem and allows automatic and safe transactions of balances for the purchase of products and services from the WINGS Ecosystem, from purchasing a state-of-the-art crypto-smartphone to contracting a voice and data package, or establishing a physical and exclusive WINGS Store distribution.
The convertibility of cryptocurrencies into tangible products is now a reality, which can follow two paths:

- It can be used as online automatic payment, operating through the Wallet and the protocols contained in Smart Contracts.

- It may also be used offline, through a growing network of stores and specialized points of service (Wings Stores), as detailed in point 5. The WINGSPAY technology allows generating a payment interface with cryptocurrency through Point of Sale Terminals (TPS) for the purchasing of goods and services in the physical channel; aspiring to become a benchmark system for this type of exchanges.

The use of BWN not only guarantees agility, transparency and simplicity for transactions, subject to decidedly residual operating costs, but any purchase or payment performed through BW will automatically generate equivalent discount mechanisms at no lower than 10% of the value of the product or service.

The use of BWN will be growing due to the incentive it has as a means of payment in a community of affiliates, customers and stores under full expansion; in addition to allowing changing to other cryptocurrencies other than BWN, to buy goods and services in the dynamic world of consumer electronics and telecommunications, including offline (through the WINGS physical stores network, with adapted TPSs and the referred to WINGS PAY system).

At the same time, the technological and profit evolution of the WINGS MOBILE ecosystem will have a very important boost in the use of BWN:

- The development of new applications in the ecosystem (WINGS PLAY STORE), where developers will be paid directly through BWN.

- Promotion of incentives and rewards policies (Airdrops & Bounty) based on BWN.

In short, BWN brings together the best characteristics of cryptocurrencies but, in addition, unlike almost all of them, it is an effective means of payment for goods and services of universal utility, in a community that is growing exponentially.
4.6 **Sixth Pillar**: Bitwings has a guaranteed and real issuing value

As discussed in point 3.5., volatility and uncertainty regarding the value of cryptocurrencies is another aspect in which BWN provides a different solution.

The first source of uncertainty comes from the lack of “history” since many projects are entirely new. However, BWN responds to reality in progress, which mixes technology, innovation, and innovative marketing formulas.

Faced with a dynamic in which 60% of the new cryptocurrency emissions fail, and many disappear to end up becoming speculation tools, based on undeveloped technological solutions, BWN bases its strength on the economy of the seasoned company that mainly focuses on innovation. According to economic theory, conventional currencies base their value on the solvency of the economies that issue them, the same must happen with the bulk of the cryptocurrencies in the long term.

Unlike most of the cryptocurrencies, the value of the BWN, does not depend so much on the somewhat erratic Bitcoin, but rather it responds to the WINGS MOBILE business ecosystem with the following characteristics:

- **Already existing**: led by professionals with ample experience in business management and innovative environments.

- **With its own technology**: focused on blockchain solutions adapted to mobile devices that are able to facilitate agile and secure exchanges and on a technology that is already in the final stages of integration to our high-tech devices.

- **In exponential growth**: our decentralized marketing strategy has created a community of users that are the motivation behind the BitWings ICO.

Many newly issued cryptocurrencies have been subject to intense speculative movements that have even reduced their price to ZERO, generating serious damage not only for their promoters but, undoubtedly, for many token holders who have seen their value evaporated.

To support the strength of the project, BITWINGS is the first and only currency that commits the issuing team to guarantee its issue price, of $ 0.2. It will always be accepted in the WINGSPAY system at that minimum price, although it is possible for its trading value to be lower than the issue price.

This defuses any “bearish” speculative movements that could generate panic among BWN owners. Therefore, any BWN holder can rest assured that they can always convert their cryptocurrency into high technology products and services, trust that there will be a growing exchange volume, and rest assured that they will maintain a value which is guaranteed by the issuer.
5. BITWINGS & BLOCKCHAIN ECOSYSTEM

5.1 Overview

One of the differential strong points of BITWINGS (BWN) is to base its value on the same basis as conventional currencies (FIAT) - the strength and growth potential of its issuer's business activity.

In this case, we define the Wings Ecosystem as a new business space that integrates WINGS MOBILE as a supplier of goods and services related to secure mobile communication, controlling the manufacturing processes and the innovative quality of the latest generation technological devices and the set of clients and affiliates, linked to the ecosystem not only as users but as real business drivers who participate in the business.

The BitWings ecosystem is based on:

- **A broad and growing geographical area**: Wings Mobile has an influence in mature but dynamic economies when it comes to mobile communications and web trans actionality, along with a group of countries in the LATAM region.

- **A rigorous analysis of the demand as a basis for the business model and its feasibility**. Innovation is a NECESSARY condition but not ENOUGH for success. WINGS MOBILE provides a disruptive R & D model: innovation and distribution.

- **A very dynamic growth plan**: The first stages have already been improving the initial expectations.
5.2 WINGS MOBILE, an ongoing company.

WINGS MOBILE constitutes a new community of secure mobile communications, which rests on a hybrid technology that combines the GSM protocol with VoIP and has also integrated a blockchain structure to allow exchanges of a native cryptocurrency: the BITWINGS.

The distribution formula was born from the composition of several ideas resulting from a market analysis conducted in Spain in the first half of 2017, which follows patterns shared by other markets in Europe (Italy, Portugal, Germany, France) and Latin America (Peru, Colombia, Argentina, Ecuador, Mexico, Brazil, Uruguay, Bolivia or Chile) and the U.S.

40% of users change their phone every 14 months; the remaining 60% every 20 months. The smartphone market is continuously growing. The market is dominated by great players. It might be hard to enter the market with conventional strategies, but Wings Mobile has identified an important part of the population (more than 500,000 people in Spain), who monetizes their time (part-time) by distributing Network Marketing products and services.

According to the World Bank’s Financial Inclusion Database, in 2015 about two-thirds of the population of five major nations such as Indonesia, the Philippines, Nigeria, Colombia and Peru (a total of 630 million people) lacked sufficient banking tools. A figure that on a global scale increases to 3,000 million people, who do not have access to a bank account or basic financial tools such as debit cards. Despite the undoubted progress in recent decades, there are still challenges in terms of the universalization of financial services.

This evolution creates a huge market space on an international scale. And to take advantage of it will be necessary to:

- Master a reliable, but disruptive technology that covers all business phases, including financial.
- Develop an alternative distribution formula.
- Create a new payment instrument using universal and secure blockchain technology.

And the WINGS MOBILE ecosystem is based on these three pillars.
5. BITWINGS & BLOCKCHAIN ECOSYSTEM

5.3 BITWINGS, WINGS PAY AND BLOCKCHAIN PAYMENT GATEWAY

Nine years have passed since the birth of Bitcoin and many other cryptocurrencies, but their use as a means of payment remains unresolved. Despite the vast number of solutions created and made available by technology companies, there does not seem to be any real incentive to encourage commercial use, neither in digital (e-commerce) nor in physical channels (stores or distribution points).

The problem of implementing these new payment solutions is mainly due to business owners’ reluctance to use these solutions online and offline. Upon careful analysis, resistance is due to the following main factors:

- **Legal:** cryptocurrencies in most countries have not been properly regulated along with few (or no) rules to be followed.

- **Taxes:** merchants cannot tax the transactions of goods and services paid through cryptocurrency since they are not explicitly mentioned in the current tax systems.

- **Volatility:** the exchange markets of cryptocurrencies have very high volatility (with variations of more than 30% in a single day), which can absolutely distort the terms of trade with real goods and create the disturbing sensation that one may have an asset at hand that which may not be worth anything at all.

At WINGS MOBILE, we want to be the first company to provide a solution to the aforementioned problems and resistances. It is possible with our unique, innovative and secure payment system called WINGSPAY.

Wings Pay represents the link between the innovative WINGS MOBILE project and the blockchain technology. It was born from the idea of creating an economic tool that would facilitate the payment of products and services and that would allow all those interested to have a digital account and operate with a strong and trustworthy cryptocurrency.
To build on a solid commercial base and become a role model for others, WingsPay is implemented as an official payment tool in all Wings Mobile e-commerce sites and all Wings Mobile physical stores (WINGS STORE).

Wings Pay accepts:
- FIAT (credit card, debit card)
- BitWings Token (blockchain technology)

WINGS PAY consists of the following elements:

- **WINGSPAY APPLICATION (ANDROID & IOS):** an application with secure access due to its triple identification factor: FaceID, fingerprint and personal identification code. The WingsPay app includes an e-wallet equipped with a payment system based on blockchain technology.

- **WINGSPAY ONLINE SOLUTION (e-commerce).** A solution dedicated to commercial websites, including a plugin to be used in main e-commerce systems: (WooCommerce, Prestashop, Magento).
• WINGSPAY POS (physical store). A unique and indispensable tool for all physical point of sale owners and operators, based on the Android operating system that covers all security standards and is equipped with a fingerprint sensor.

In short, WINGS PAY allows the following types of transactions:

• Purchase of online goods and services
• Purchase of goods and services in physical stores
• Purchase of applications in Wings PlayStore
• Recurring payment services (periodic payments)
• Money transfer from person to person (peer to peer)
And, in addition, it offers a solution to legal problems and market fluctuations based on the following points.

- **Legal:** merchants from all countries who use WingsPay may receive the payments in their local currency. The maximum limit for each transaction is based on local regulations of cash payment limits that vary from one country to another. The customer pays in BitWings and the merchant receives the amount in fiduciary currency for the exact amount of the value of the sold good or service.

- **Tax:** due to the receipt of the payment in local currency, and the perfect correspondence of the amount received with the price of the paid products, there is no tax alteration; therefore, all sales will be declared in local currency as a simple matter of payment in cash.

- **Volatility:** thanks to the Real Time Value system, designed by Wings Mobile to provide an immediate exchange tool to the payment gateway, WingsPay app guarantees the correct and real exchange rate, interacting with the exchange platform provider where the BitWings token will be listed. The merchant will receive the exact amount of the value of the sold good or service.

WINGSPAY will be fully compatible with each jurisdiction in which it operates, with rigorous processes to identify its clients (KYC) and to respect all Money Laundering (AML) prevention requirements and legal provisions.

The BITWINGS token, as a result, becomes an effective and immediate means of payment, which can be used in the WINGS MOBILE ecosystem to purchase technology products and services, not only online (automatically, through smart contracts) but also offline, through a growing network of stores and specialized service points (Wings Stores).
6.1 Brand, product and associated experience.

WINGS MOBILE wishes to share with the market the five values of its brand, through its developing technology and the expansion of its business model.

<table>
<thead>
<tr>
<th>Brand values</th>
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<tbody>
<tr>
<td><strong>SECURITY</strong></td>
</tr>
<tr>
<td>Security for all of those who own and wallet and operate in the blockchain market.</td>
</tr>
<tr>
<td><strong>PRIVACY</strong></td>
</tr>
<tr>
<td>Privacy for all of those who do not want their telephone conversations or sensitive information to be intervened by third parties.</td>
</tr>
<tr>
<td><strong>FAIR PRICE</strong></td>
</tr>
<tr>
<td>To democratize technology, working towards a fair price for smartphones and laptops that do not penalize people based on where they live.</td>
</tr>
<tr>
<td><strong>WARRANTY</strong></td>
</tr>
<tr>
<td>To Guarantee the issue value of the WINGS MOBILE token (known as BitWings), regardless of the cryptocurrency market fluctuations.</td>
</tr>
<tr>
<td><strong>USABILITY</strong></td>
</tr>
<tr>
<td>To directly accept our Bitwings cryptocurrency in all of our Store’s for purchasing goods and services, so that it can develop as a currency.</td>
</tr>
</tbody>
</table>
What are our products and services?

We offer electronic devices, smartphones, and laptops with integrated native futuristic applications that allow raising the privacy and security standards, especially oriented to the cryptocurrency market.

We want to offer users the freedom to continue using their favorite applications and maintaining their habits but increasing their level of security through a “virtual armored area” protected from unwanted access.

Likewise, WINGS MOBILE, through the BWTG© service (BitWings Token Guarantee), eliminates fears and uncertainties associated with market fluctuations that could collapse the value of the BitWings purchased in the ICO, once the exchange mechanisms are established on the trading platforms.

This protection is articulated through an innovative practice that characterizes the BitWings ICO (explained in detail in point 7), and that should be a common practice among companies that already have a track record of success and a solid infrastructure: the value of guaranteed issue.

6.2 Customer segmentation objective.

We have identified six different customer segments, namely:

- **Crypto Trader:** Refers to anyone who operates in the world of blockchain and generates cryptocurrencies through trading or mining — someone who needs to raise the security standard on the vulnerability of their e-wallet and the accessibility of their device in general. We make all this possible with our SAFE CORE © and the Triple Factor Authentication solutions.

- **Technology supporters:** Those who are looking for high-performance technology, especially mobile devices. They can enjoy unconventional quality standards with our high-end smartphone – The Minephone Wings WX with eight cores. The perfection of the product will attract their attention and interest. Our goal is to convince those who are the most demanding.

- **Privacy defenders:** Those who require for work or for personal reasons their phone conversations to remain anonymous and in no case be intercepted or stored by external applications. We offer that level of assurance with our SECURE CALL© and WINGS DATA© solutions.

- **Ico Traders:** Those who carry out speculative transactions on the blockchain market focusing on the evaluation of tokens issued by Start-Ups through the ICO (Initial Coin Offering) model. Thanks to our exclusive BWTG© service (BitWings Token Guarantee) we can offer a financial guarantee for the possible failure of the token after BitWings is available for free trading on the crypto exchange platforms.
Entrepreneurs: Those who look for new opportunities to do long-term business and generate a solid income. Through the territorial distribution of WINGS STORE FULL BRAND© and WINGS STORE MULTI BRAND© we have created the innovative collaboration and distribution model that can reach high margins in a market where sales volume are increasing each year exponentially.

Influencers: Those who have a great network of online contacts can create a community with those followers who wish to generate an additional income using Wings Mobile products or regular services. It is made possible through our compensation and affiliation plan, or our commercial strategy, WINGS SOCIAL MARKET.

6.2.1. Why do people choose us? Where is our strength?

The use of smartphones and laptops has evolved into being an integral part of daily life. We offer our clients the much-needed security protection against hacker attacks and privacy protection for their photos, videos, chats and phone conversations.

Crypto Trader must select WINGS MOBILE because we provide them with a single device the security and the guarantee that only cold storage hardware can offer against external attacks; while maintaining the versatility and compatibility of a smartphone.

Technology supporters should select WINGS MOBILE because we offer them a device that has unique hardware and software features that clearly distinguishes our products from others currently on the market.

Privacy advocates should select WINGS MOBILE because through Secure Call it is possible to bypass, for the first time, the problem of the “man in the middle” and thereby make their telephone conversations inaccessible (even to control authorities and organizations).

ICO Traders must select WINGS MOBILE because our token, unlike most other ICOs, is based on the economy of a real company operating on the ever-expanding technology market. It also provides the exclusive BTCG© service (BitWings token collapse guarantee) or a security guarantee on the possible collapse of the token price, during the subsequent exchange phase, thanks to the commitment to preserve its issuing value.

The entrepreneur should select WINGS MOBILE because they will have the possibility to start a business by accessing cutting-edge products in a market with a turnover that increases each year exponentially. We offer smart investments and very interesting break-even compensation models through WINGS MOBILE STORE FULL BRAND© or WINGS STORE MULTI BRAND©.

The Influencer should select WINGS MOBILE because it will have the opportunity to monetize its network of followers through affiliate marketing that, for the first time, allows them to obtain a profit of more than 25% from products.
6.2.2. Why should customers choose to be part of the Wings Mobile ecosystem?

The growing distrust towards security in mobile phones and increasing concerns about unauthorized third-parties being able to take control of your data and communication without your consent, is causing a lot of anxiety for most phone users.

Offering a solution that protects our users against privacy breaches without the need for them to change their habits, is a winning element in our favor. Consumers will choose their next smartphone or laptop not only for their capabilities or design but also because of its crypto and privacy friendliness.

<table>
<thead>
<tr>
<th>Year</th>
<th>Trend Description</th>
<th>Brand/Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996</td>
<td>A trend towards reducing the size of mobile phones</td>
<td>Motorola StarTAC</td>
</tr>
<tr>
<td>2007</td>
<td>Smartphone Trend</td>
<td>Apple iPhone</td>
</tr>
<tr>
<td>2011</td>
<td>A trend towards making mobile phones bigger</td>
<td>Samsung Note</td>
</tr>
<tr>
<td>2012</td>
<td>A trend towards improving the screen resolution</td>
<td>Apple Retina Display</td>
</tr>
<tr>
<td>2016</td>
<td>A trend towards making accessories different</td>
<td>Adding camera technology</td>
</tr>
<tr>
<td>2018</td>
<td>A trend towards making applications different</td>
<td>Face ID</td>
</tr>
<tr>
<td>2019</td>
<td>A trend towards security</td>
<td>WINGS MOBILE Safe Core and triple authentication factor</td>
</tr>
<tr>
<td>2019</td>
<td>A trend towards privacy</td>
<td>Wings Secure Call</td>
</tr>
<tr>
<td>2019</td>
<td>A trend towards encryption</td>
<td>Blockchain Phone</td>
</tr>
</tbody>
</table>
6.3 Brand positioning

**WINGS MOBILE**

Wings Mobile, a Spanish virtual mobile operator, innovative software developer and high-end smartphone and laptop producer focusing on innovative solutions and unique security features is presenting the first Minephone that is able to mine up to 2 ETH a month with an internal cold storage system, and 100% compatible with all existing applications in the market.

**BITWINGS**

BITWINGS is WINGS MOBILE token that has 100% guaranteed issue value, will always have use in the native ecosystem granting 10% discount on all the product and services both online and physical stores.

**Brand name: WINGS MOBILE**

WINGS in English refers to something that enables to fly, being a metaphorical synonym with freedom.

Freedom for the end user to:

- Choose technologically innovative products at a fair price.
- Use VoIP call services in a simple and integrated way.
- Save on national and international phone calls.
- Choose to uphold their digital privacy.
- Always feel safe and secure.

**Brand name: BITWINGS**

BitWings comes from the acronym Bit & Wings, which is the merge between the virtual world of cryptocurrencies and the structured world of the traditional economy. This combination strengthens and feeds the two business areas, making each element unique and innovative.

- WINGS MOBILE is the first mobile network operator to enter the blockchain era.
- BitWings is the first cryptocurrency that enters strongly into the world of the traditional economy and markets.
WINGS MOBILE LOGO

As the logo is never chosen randomly, WINGS MOBILE wanted to represent it through the modern redesign of a stylized wing, formed by three individual wings of different colors.

The three individual wings with different colors represent:
• Technology
• Services
• Distribution

Colors used:

**YELLOW**: Refers to the color that reminds us of the Sun. Therefore it expresses continuous expansion. Yellow represents a search for new things, a change, and the freedom.

**BLUE**: Symbolizes, water, sky, harmony, trust, calmness, purity and loyalty. This color produces an effect of tranquility, satisfaction, and harmony, transmitting a sense of security and confidence.

**VIOLET**: Synonym for intelligence, knowledge, sanctity, and sobriety. It is the color with the highest energy and the highest frequency of the visible spectrum. It is the color of communication and the color of the right analog brain.

BITWINGS LOGO

It is created using the adapted Wings Mobile symbol in a horizontal version, emulating the letter W. This element highlights and reinforces the link between BITWINGS and WINGS MOBILE.

Colors used:

**VIOLET**: Synonymous with intelligence, knowledge, sanctity, sobriety. It is the color with the highest frequency and the highest energy of the visible spectrum. It is the color of communication and the color of the right (analog) brain.

**WHITE**: It represents light, simplicity, sun, air, enlightenment, purity, innocence, chastity, holiness, the sacred, redemption. The white light contains the seven colors of the iris, it vitalizes, regenerates the body and clears the mind.
6.3.1 Comparison of main brand smartphone devices

Next graph illustrates a technical comparison between the various mobile devices of the most important brands currently on the market.

The graph expresses a comparison in objective terms (evaluable/measurable) of several terminals, associating relative scores for each of them in five main attributes that influence their technical leadership position: power, battery, price, privacy/security, and adaptation to the blockchain universe.

For each category, a maximum score or value 1 is awarded to the best-placed device: the one with the highest performance or the lowest price. Then it recalculates the scores of the remaining devices according to their characteristics compared with the leader, in the form of decreasing decimal scores. So, for example, if the leader in the battery category has a brand of 4,000 mAh and that equals to 1, the device that had a battery with 3550 mAh would be equivalent to 88% of the leader or, in other words, a score of 0.88.

<table>
<thead>
<tr>
<th>TOP DEVICE</th>
<th>BLOCKCHAIN</th>
<th>PRIVACY</th>
<th>BATTERY</th>
<th>POWER</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple iPhone XS</td>
<td>NO</td>
<td>Face Id</td>
<td>2,658 mAh Li-Ion</td>
<td>6 Core 1.9 GHz</td>
<td>$1,399</td>
</tr>
<tr>
<td>Samsung Note 9</td>
<td>NO</td>
<td>Iris Scanning</td>
<td>4,000 mAh Lithium</td>
<td>8 Core 2.3 GHz</td>
<td>$993</td>
</tr>
<tr>
<td>Huawei 20 Pro</td>
<td>NO</td>
<td>Face Id</td>
<td>4,000 mAh Lithium-Polonium</td>
<td>8 Core 2.4 GHz</td>
<td>$694</td>
</tr>
<tr>
<td>Xiaomi Mi8 Pro</td>
<td>NO</td>
<td>Face Id</td>
<td>4,000 mAh Lithium</td>
<td>8 Core 2.3 GHz</td>
<td>$599</td>
</tr>
<tr>
<td>Wings WX</td>
<td>Wallet Mining</td>
<td>SAFE CORE</td>
<td>3,550 mAh Lithium Semi Solid</td>
<td>8 Core 2.0 GHz</td>
<td>$1,200</td>
</tr>
</tbody>
</table>
6.3.2. Is there a market for BitWings’s high-end products?

It may seem that the mobile communications and electronic devices market is at a stage of maturity and that the control of the main smartphone manufacturers is taken at its totality; so that there is an unbreakable oligopoly in the hands of the most famous multinationals such as Apple, Samsung, Huawei, and OPPO.

But the reality is very different because there is an alternative market, well established but also in constant evolution which offers services and sells products to all of those seeking alternative and unique solutions. And the size of the global market, let’s not forget, is immense.

What numbers are we talking about? A sectoral study carried out by Gartner in February 2018, showed some very interesting data. One can simply say that in 2017, the “small players” had over 41% of the market share with 638 million units sold.

### Worldwide Smartphone Sales to End Users by Gartner in 2017 (in thousands of units)

<table>
<thead>
<tr>
<th>VENDOR</th>
<th>2017 Units</th>
<th>2017 % Market Share</th>
<th>2016 Units</th>
<th>2016 % Market Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samsung</td>
<td>321,263.3</td>
<td>20.9</td>
<td>306,446.6</td>
<td>20.5</td>
</tr>
<tr>
<td>Apple</td>
<td>214,924.4</td>
<td>14.0</td>
<td>216,064.0</td>
<td>14.4</td>
</tr>
<tr>
<td>Huawei</td>
<td>150,534.3</td>
<td>9.8</td>
<td>132,824.9</td>
<td>8.9</td>
</tr>
<tr>
<td>Oppo</td>
<td>112,124.0</td>
<td>7.3</td>
<td>85,299.5</td>
<td>5.7</td>
</tr>
<tr>
<td>Vivo</td>
<td>99,684.8</td>
<td>6.5</td>
<td>72,408.6</td>
<td>4.8</td>
</tr>
<tr>
<td>Others</td>
<td>638,004.7</td>
<td>41.5</td>
<td>682,915.3</td>
<td>45.7</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1,536,535.5</strong></td>
<td><strong>100</strong></td>
<td><strong>1,495,959.0</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

Source: Gartner (February 2018)

These are important numbers and they support the believes that there is room for new companies in a market where consumers’ habits and desires are increasingly focused on details and innovation, anticipating a trend and building their own exclusivity factors, such as security and privacy. For WINGS MOBILE, it will be a winning card for increasing our market share.
6.4 Our business development strategy.

Distribution is one of the most important factors that determine the outcome of any business project. Many large initiatives, with innovative products and even with sufficient financing are unable to implement their strategy because they cannot place their products on the market and reach their end user. In fact, less than 10% manage to do so.

Therefore, product innovation is not useful if the distribution plan is not carefully designed and executed.

The current distribution system in the electronics sector (PC, Smartphone, TV, Game, Gadgets, Accessories) does not leave much room for devices of a new brand from smaller companies. Huawei or Samsung, follow the footsteps of Apple, creating their network of mono-brand physical stores while guaranteeing stable sales prices and constant presence in the market.

The market is constantly evolving. New technologies change user habits and buying-selling formulas. Based on the statistical user studies, Wings Mobile have focused on three elements that we consider important to create a new way of distributing services and products. The fundamental elements are:

- 80% of users buy through recommendation
- 60% of users actively use social networks
- 55% of users buy online.

From these statistical indicators, we have constructed a new form of distribution, which we call SELF DISTRIBUTION, based on six main elements: SKD, Business Units, Social Market, Network of physical stores, sales professionals and OEM.

6.4.1 SKD

As described in the previous chapters, the possibility of establishing a single price in all the countries served by the WINGS MOBILE distribution is linked to the creation of SKD centers (assembly centers) strategically distributed in countries that enjoy the privileges of being part of “free trade” areas and enjoy free trade agreements under the umbrella of the World Trade Organization (WTO).

In this way, by taking those countries as the center of production, the products can be distributed to their areas of influence, with which they share privileged commercial agreements, thus eliminating tariffs and extra fees. For example, throughout Peru or Colombia, almost all South America can be serviced without suffering customs duties. This factor is essential to guarantee a single price and achieve the objective of the fair price.

Obviously, for main markets such as Europe and North America, which already enjoy bilateral agreements with China, the creation of SKD centers will not be needed.
The purpose is to establish five large assembly and production centers to serve three major influence areas (LATAM, Africa and Southeast Asia):

- In 2018, two assembly centers are planned in Peru and Colombia, under the privileged trade regime of the Mercosur agreement (initially established by Argentina, Brazil, Paraguay, and Uruguay, after that Venezuela and Bolivia) and the Pacific Alliance (Chile, Colombia, Mexico and Peru).

- In 2019, two SKD centers will open in Tunisia and Egypt to serve the African continent under the commercial benefits of the CFTA (Continental Free Trade Area) of Africa, resulting from the African Free Trade Agreement among the 55 members of the African Union) and COMESA (the Common Market of Eastern and Southern Africa, a customs union founded in December 1994, with twenty members, ranging from Libya to Zimbabwe).

- Finally, in 2020 the Asian market will be addressed, establishing an SKD center in the Philippines, from where it is possible to supply to the countries that make up the ASEAN (Association of Southeast Asian Nations), a free trade market that has 600 million consumers.
6.4.2 Business Units

In each of the countries in which WINGSMOBILE will be present, a business unit will be created, with the responsibility of coordinating all actions of the correlating territory, as well as to manage and distribute the products and services through the local affiliate network.

This form of organization:

- Allows us to have direct control over all phases related to the distribution of products and services: import, logistics, administration, and marketing.
- It is consistent with the decentralized philosophy of the company meaning that each territory has its administrative features (necessary licenses, commercial representation contracts) and financial features (management of cash flows, local means of payment).

<table>
<thead>
<tr>
<th>BUSINESS UNIT</th>
<th>OPERATIVE DATE</th>
<th>DEVICE UNIT IN A YEAR</th>
<th>MEDIUM PRICE DEVICE EUR</th>
<th>REVENUE EUR</th>
<th>AFFILIATE 20% SALES EUR</th>
<th>STORES FULL 50% SALES</th>
<th>MULTIBRAND STORE 25% SALES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOMBIA</td>
<td>4º QUARTER 2018</td>
<td>50.000</td>
<td>€ 432,33</td>
<td>€ 21.666,67</td>
<td>10.000</td>
<td>52</td>
<td>75</td>
</tr>
<tr>
<td>ECUADOR</td>
<td>50.000</td>
<td>€ 432,33</td>
<td>€ 21.666,67</td>
<td>10.000</td>
<td>52</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>PERU</td>
<td>50.000</td>
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<td>€ 21.666,67</td>
<td>10.000</td>
<td>52</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>ITALY</td>
<td>1º QUARTER 2019</td>
<td>50.000</td>
<td>€ 432,33</td>
<td>€ 21.666,67</td>
<td>10.000</td>
<td>52</td>
<td>75</td>
</tr>
<tr>
<td>ARGENTINA</td>
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<td>52</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>MEXICO</td>
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<tr>
<td>FRANCE</td>
<td>50.000</td>
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<td>75</td>
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<td>75</td>
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<td>GERMANY</td>
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<td>€ 21.666,67</td>
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<td>52</td>
<td>75</td>
<td></td>
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<tr>
<td>UK</td>
<td>50.000</td>
<td>€ 432,33</td>
<td>€ 21.666,67</td>
<td>10.000</td>
<td>52</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>BRAZIL</td>
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<td>10.000</td>
<td>52</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>AUSTRIA</td>
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<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>GREECE</td>
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<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>NETHERLANDS</td>
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<td>30</td>
<td></td>
</tr>
<tr>
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<td>75</td>
<td></td>
</tr>
<tr>
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<td>30</td>
<td></td>
</tr>
<tr>
<td>USA</td>
<td>50.000</td>
<td>€ 432,33</td>
<td>€ 21.666,67</td>
<td>10.000</td>
<td>52</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>BELGIUM</td>
<td>3º QUARTER 2019</td>
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<td>€ 432,33</td>
<td>€ 8.666,666,67</td>
<td>4.000</td>
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<td>30</td>
</tr>
<tr>
<td>BULGARIA</td>
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<td>€ 8.666,666,67</td>
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<td>30</td>
<td></td>
</tr>
<tr>
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<td>30</td>
<td></td>
</tr>
<tr>
<td>LUXEMBOURG</td>
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<td>4.000</td>
<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>POLAND</td>
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<td>€ 8.666,666,67</td>
<td>4.000</td>
<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>ROMANIA</td>
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<td>€ 8.666,666,67</td>
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<td>PANAMA</td>
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<td>€ 8.666,666,67</td>
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<td>21</td>
<td>30</td>
<td></td>
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<td>PARAGUAY</td>
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<td>30</td>
<td></td>
</tr>
<tr>
<td>URUGUAY</td>
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<td>4.000</td>
<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>CROATIA</td>
<td>4º QUARTER 2019</td>
<td>20.000</td>
<td>€ 432,33</td>
<td>€ 8.666,666,67</td>
<td>4.000</td>
<td>21</td>
<td>30</td>
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<td>CZECH REP</td>
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<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>SLOVENIA</td>
<td>20.000</td>
<td>€ 432,33</td>
<td>€ 8.666,666,67</td>
<td>4.000</td>
<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>SLOVACCHIA</td>
<td>20.000</td>
<td>€ 432,33</td>
<td>€ 8.666,666,67</td>
<td>4.000</td>
<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>SWEDEN</td>
<td>20.000</td>
<td>€ 432,33</td>
<td>€ 8.666,666,67</td>
<td>4.000</td>
<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>COSTA RICA</td>
<td>20.000</td>
<td>€ 432,33</td>
<td>€ 8.666,666,67</td>
<td>4.000</td>
<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>GUATEMALA</td>
<td>20.000</td>
<td>€ 432,33</td>
<td>€ 8.666,666,67</td>
<td>4.000</td>
<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>HONDURAS</td>
<td>20.000</td>
<td>€ 432,33</td>
<td>€ 8.666,666,67</td>
<td>4.000</td>
<td>21</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>1.110.000</strong></td>
<td><strong>€479,890,000,00</strong></td>
<td><strong>222.000</strong></td>
<td><strong>1.156</strong></td>
<td><strong>1.665</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The opening dates of the different business units are divided into three different waves, which correspond to the start-up continents in order (Europe, USA, and LATAM), Africa and Southeast Asia. The table shows the details of the first wave, which will be completed in Q1 2019 with three different sub-phases:

- Q4 2018: business units will open in Colombia, Ecuador, and Peru.
- Q1 2019: Europe (Italy) and two large countries of the American continent (Mexico and Argentina) will have their openings.
- Q2 2019: all other countries included in wave one

The minimum sales forecast volumes for the first year are minimum and conservative. The first full year of implementation should be resolved with no less than 1 million devices sold through 216,000 affiliates.

With the forecasts of average prices and estimated demand (based on the start-up of the company, in Spain), once the first wave of implementation has been completed, it should start consolidating at an annual turnover equivalent to almost 467 million euros.

The estimated number of physical stores (in any of its forms, which are explained in the following pages) would be more than 2,700 units in 2019 and more than 10,000 units by 2020.

Five main managers manage each Business Unit: Executive Director, Commercial Director, Store Director, Logistics Manager and Marketing Director. National call centers will be created within each Business Unit for technical assistance and customer service activities.

The main markets for 2018 and 2019 are the European markets (Western and Eastern Europe) and the American continent (North America, Central America, and South America). By the end of 2019 and 2020, the joint venture will be organized for the Asian and African markets.
6.4.3 Wings Social Market

The market is constantly evolving, modern and current technologies change the habits of users who adapt every day to new sales formulas and purchasing methods.

Wings Mobile, through its e-commerce portal, has created an affiliate program called Social Market, which aims to monetize the communication that users keep daily on social networks (WhatsApp, Facebook, Instagram, etc.) to advertise and share WINGS MOBILE’s advertising content.

A network of affiliates (distributors) can recommend the products and services of WINGS MOBILE using a personal link, which they can redirect to our commercial website using their personal websites and social network profiles. And customers who buy from this link will generate a commercial margin for the affiliate equivalent to 25% of the value of the purchased product. The margins normally offered by e-commerce affiliate programs, to cite Amazon’s, do not exceed 3% of the sale price of the product.

To help the affiliate in the promotional efforts through their personal websites, blogs, social networks, WhatsApp, etc., they are given access to an online administrative backoffice and to a CRM where they can verify sales, commissions and use media marketing tools, created specifically for those who have no knowledge of online marketing.

WINGS MOBILE also rewards the affiliate with indirect commissions generated by products sold by other sub-affiliates that have joined the Social Market through the reference link advertised by the affiliate.

In only FOUR months, more than 1000 affiliates have registered and collaborated with WINGSMOBILE.

The SOCIAL MARKET also responds to a philosophy of fair price and social integration, as it becomes a useful tool, available to many people, who can take advantage of a widespread service (mobile communications) to obtain an additional source of income.
6.4.4 Wings Store

The WINGS STORE is an alternative form of franchise. Unlike franchises, there are no geographical limitations due to the Social Market. In this way, the role of the affiliate is more similar to that of a main franchisee.

Each Wings Store affiliate can, in turn, offer new Wings Store affiliations, thereby generating indirect commissions on their sales.

The WINGS MOBILE store responds to two categories:

- WINGS STORE MULTI BRAND
- WINGS STORE FULL BRAND

WINGS STORE MULTI BRAND is a solution designed for all existing electronic, computer and telephone shops that, through our Wings Space and digital multimedia screens integrate the new lines of WINGS MOBILE devices to their existing brand lineup.

WINGS MOBILE FULL BRAND is a solution designed for all entrepreneurs who would want to manage a specialized shop for innovative consumer and cutting-edge solutions aimed at safety. All products within the store are exclusive WINGS MOBILE products.

To facilitate and speed up the expansion of the distribution network, WINGS MOBILE has created all-inclusive offers, in which exhibitors and exhibition furniture are offered free of charge. The affiliate pays only for the product stock (at its purchase price, with a discount), and receives everything necessary to start the business successfully.

All Wings Stores are equipped with Wings Pay, the exclusive payment system that through blockchain technology allows you to pay securely with our BitWings cryptocurrency.
6.4.5 Professional Sales Agencies

To reach business users in a professional manner, WINGS MOBILE will create an alternative distribution line through professional sales agencies. These agencies are direct sales channels that, with the help of specialized and professional sales teams, will reach the target audience (companies), promoting the corporate offerings of WINGS MOBILE.

Companies represent an important customer target for WINGS MOBILE, since for professional reasons they need to have devices that guarantee privacy protection, secure calls, roaming with important savings, cheap or free international calls; and a secure and impenetrable cold storage, where to keep protected documents, images and applications containing sensitive data.

Our high-end products and highly attractive corporate offers will be the incentive for the network of commercial collaborators to expand Wing Mobile market share in the business segment.

6.4.6 Wings OEM

Mobile phone operators who have chosen to incorporate RCS (Rich Communications Services) technologies have mostly wasted their investment because users usually forget to use the application after downloading it and the apps are not adding any quality compared to popular programs like WhatsApp and others.

WINGS MOBILE follows the RIM model (blackberry) that offers telecommunications operators the possibility to market their devices in OEM (Original Equipment Manufacturer) or Co-Branding mode while offering the exclusive services included in these devices.

There are existing agreements with the main telecommunications operators for cobranding distribution of WINGS MOBILE devices.

The following table shows estimates associated with this new business space, and that are derived both from the ongoing and future agreements.

<table>
<thead>
<tr>
<th>MOBILE OPERATOR AGREEMENT</th>
<th>DATE</th>
<th>MOQ</th>
<th>AVERAGE DEVICE VALUE</th>
<th>REVENUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2Q 2019</td>
<td>20.000</td>
<td>432 €</td>
<td>8.640.000 €</td>
</tr>
<tr>
<td>2</td>
<td>4Q 2019</td>
<td>20.000</td>
<td>432 €</td>
<td>17.280.000 €</td>
</tr>
<tr>
<td>4</td>
<td>2Q 2020</td>
<td>20.000</td>
<td>432 €</td>
<td>34.560.000 €</td>
</tr>
<tr>
<td>6</td>
<td>4Q 2020</td>
<td>20.000</td>
<td>432 €</td>
<td>51.840.000 €</td>
</tr>
</tbody>
</table>

Total revenue OEM 112.320.000 €
The **BITWINGS (BWN)** is the token of WINGS MOBILE and is implemented in an intelligent ERC-20 contract on the ethereum blockchain.

BWN is a cryptocurrency that, unlike many other coins, has a value based on its “true currency” nature.

- Its strength is based on the economy of the successfully operating company focusing on innovation and not in the evolution of Bitcoin, like other cryptocurrencies.

- It is a medium of exchange that can be used in the Wings Mobile ecosystem to purchase products and services both in the online channel and in physical stores. Using it will grant a 10% discount off the price in the entire range of the WINGS MOBILE products and services (see more details in section 4 of this document).

- It is a value deposit, backed by the guarantee of having its issuance value of $ 0.20, which is a protection against market fluctuations, once the coin is available on exchanges and other types of buying and selling platforms.
7. ICO DETAILS

7.2 BitWings ICO and Token Allocation

The monetary base of BitWings cryptocurrency (BWN) will consist of 300,000,000 tokens. 63% of BWN will be sold through an ICO.

The following table offers a general perspective.

<table>
<thead>
<tr>
<th>Destination</th>
<th>Nº de Tokens</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reserve</td>
<td>60.000.000</td>
<td></td>
</tr>
<tr>
<td>Team and advisers</td>
<td>15.000.000</td>
<td>37%</td>
</tr>
<tr>
<td>Bonuses program (Bounty, Airdrop and Marketing Bonus)</td>
<td>31.000.000</td>
<td></td>
</tr>
<tr>
<td>Referral program</td>
<td>5.000.000</td>
<td></td>
</tr>
<tr>
<td>Private Sale - Phase 1</td>
<td>30.000.000</td>
<td></td>
</tr>
<tr>
<td>Public Sale - Phase 1</td>
<td>24.000.000</td>
<td></td>
</tr>
<tr>
<td>Public Sale - Phase 2</td>
<td>30.000.000</td>
<td></td>
</tr>
<tr>
<td>Public Sale - Phase 3</td>
<td>45.000.000</td>
<td>63%</td>
</tr>
<tr>
<td>Public Sale - Phase 4</td>
<td>60.000.000</td>
<td></td>
</tr>
<tr>
<td><strong>Base Monetaria Total (nº Tokens)</strong></td>
<td><strong>300.000.000</strong></td>
<td>100%</td>
</tr>
</tbody>
</table>

The ICO will be carried out in four phases, which will be accompanied by a powerful marketing activity to cover the entire project. The following diagram contains a summary of the distribution and allocation of the issued tokens.
The distribution of 300 million tokens will be as follows:

- The most important part, 63% of the total supply will feed the ICO in its private and public sale phases: these tokens will be available for purchase in a series of consecutive phases, details which are given in section 7.3.

- 20% will feed a reserve fund that will be managed by the company, which will be used with two main goals:
  - to counteract market destabilizing movements, to defend a sustainable revaluation of the token and combat, as much as possible, harmful speculations in the long term for the interest of BWN holders.
  - to have a fund to promote new projects linked to the development of graphene batteries that provide durability and autonomy to communication devices or EVs.

- 5% will go to the Wings Mobile team and external advisors.

- The Bonus Program will have 10% for the promotional activities related to the Bounty and Airdrop programs (described in detail in section 7.4)

- Finally, the Referral Program will have 1.7% of the tokens, to encourage the new marketing strategy.

WINGS MOBILE will not issue more BWN than those mentioned in the whitepaper, thus leaving BWN money supply circumscribed to 300 million tokens. This limitation is reflected in the Smart Contract that supports all technological details.

BWN can be purchased:

- During the Pre-Sale Phase

- During the ICO, open to public participation, in several phases

- In the secondary market on exchange platforms or on peer to peer bases, once the ICO has ended.
7. ICO DETAILS

7.3 ICO Phases

The ICO will begin on January 2, 2019 and end on November 30, 2019.

The process has been divided into two phases: The Private Sale and the Public Sale with different promotional logic and a different target audience for each.

<table>
<thead>
<tr>
<th>PRIVATE SELLING</th>
<th>START</th>
<th>END</th>
<th>TOKEN</th>
<th>TIME</th>
<th>BONUS</th>
<th>USD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>02/01/2019</td>
<td>30/06/2019</td>
<td>30.000.000</td>
<td>180</td>
<td>50%</td>
<td>0,10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PUBLIC SELLING - 1st STEP</th>
<th>START</th>
<th>END</th>
<th>TOKEN</th>
<th>TIME</th>
<th>BONUS</th>
<th>USD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>01/09/2019</td>
<td>30/09/2019</td>
<td>24.000.000</td>
<td>30</td>
<td>25%</td>
<td>0,15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PUBLIC SELLING - 2st STEP</th>
<th>START</th>
<th>END</th>
<th>TOKEN</th>
<th>TIME</th>
<th>BONUS</th>
<th>USD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>01/10/2019</td>
<td>20/10/2019</td>
<td>30.000.000</td>
<td>20</td>
<td>15%</td>
<td>0,17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PUBLIC SELLING - 3st STEP</th>
<th>START</th>
<th>END</th>
<th>TOKEN</th>
<th>TIME</th>
<th>BONUS</th>
<th>USD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>21/10/2019</td>
<td>10/11/2019</td>
<td>45.000.000</td>
<td>20</td>
<td>5%</td>
<td>0,19</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PUBLIC SELLING - 4st STEP</th>
<th>START</th>
<th>END</th>
<th>TOKEN</th>
<th>TIME</th>
<th>BONUS</th>
<th>USD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>11/11/2019</td>
<td>30/11/2019</td>
<td>60.000.000</td>
<td>20</td>
<td>0%</td>
<td>0,20</td>
</tr>
</tbody>
</table>
7. ICO DETAILS

7.3.1 Private Sale

It will begin on January 2, 2019 and end on June 30, 2019.

The main goal is to allow a small circle of buyers to purchase the BWN token with a 50% bonus. This opportunity will only be possible through a specific application, and once the responsible department approves the order.

In addition, during the application phase, the private buyer must give their consent to reserve at least a minimum order. Without this consent, one will not be able to access the 50% bonus during the private sale.

<table>
<thead>
<tr>
<th>PRE-SELL (PRIVATE SELLING)</th>
</tr>
</thead>
<tbody>
<tr>
<td>START</td>
</tr>
<tr>
<td>02/01/2019</td>
</tr>
</tbody>
</table>

7.3.2 Public Sale

It will begin on September 1, 2019 and end on November 30, 2019.

<table>
<thead>
<tr>
<th>CROWDSALE (PUBLIC SELLING) - 1st STEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>START</td>
</tr>
<tr>
<td>01/09/2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CROWDSALE (PUBLIC SELLING) - 2st STEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>START</td>
</tr>
<tr>
<td>01/10/2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CROWDSALE (PUBLIC SELLING) - 3st STEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>START</td>
</tr>
<tr>
<td>21/10/2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CROWDSALE (PUBLIC SELLING) - 4st STEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>START</td>
</tr>
<tr>
<td>11/11/2019</td>
</tr>
</tbody>
</table>
To reward the early participants of the ICO, the Public Sale phase is divided into four stages, each with a discount from the purchase price which decreases with time:

- **Public Sale Phase 1:** 24 million BWN are sold with 25% bonus on the official issue value.
- **Public Sale Phase 2:** 30 million BWN are sold with 15% bonus on the official issue value.
- **Public Sale Phase 3:** 45 million BWN are sold with 5% bonus on the official issue value.
- **Public Sale Phase 4:** 60 million BWN are sold with 0% bonus on the official issue value.

7.4 Promotional activities

WINGS MOBILE, with the aim of further promoting the success of its project so that its Mission and Vision are known by the greatest number of people, will use promotional programs during the various phases of the BWN sale.

The goal of these programs is to allow “instant scalability”, that is, to have a large number of users and, in some cases, in high capacities, to increase the number of web marketing activities in number and frequency.

7.4.1 The Bounty Program

With an allocation of up to 1.25 million tokens, the purpose of the Bounty program is to spread ICO messages that consist of corporate materials – articles, blogs, translations on mass media (YouTube, Facebook, etc), and forums (Bitcointalk, etc)

WINGS MOBILE’s strategy is based on two main levers:

- The Bounty program, as seen in the previous table, is divided into two steps to allow the distribution of content in different temporal contexts. This configuration allows not only to promote BitWings but to share knowledge regarding the entire corporate project.
- The Bounty program is incentivized by assigning each Bounty Marketer a maximum of 2,500 BWN or $ 500 to allow effective and instant social media marketing.
7. ICO DETAILS

7.4.2 The Airdrop Program

With 2 million assigned tokens, the Airdrop program aims to encourage a large number of users to carry out a series of simple activities that allow WINGS MOBILE to increase its presence in social networks.

Likewise, Airdrop Marketers can contribute to sharing the Mission and Vision of the company, by performing paid actions with prizes of 50 BWN tokens or $10.

7.4.3 The Diamond Bounty Program

It is the biggest part of the WINGS MOBILE promotion program that, with the allocation of 2,750,000 BWN (or $550,000) will encourage participation in two types of professional marketing activities, Diamond Hunter and Diamond Marketer, which work with three strategic levers:

**Scalability**
With Diamond Hunter, the goal is to identify a highly professional person who has achieved tangible and important results in the online marketing sector regarding cryptocurrencies and technology. And to expand and scale exponentially WINGS MOBILE’s commercial network with powerful compensation schemes (5,000 BWN or $1,000).

**Exclusivity**
The Diamond Marketer, for which WINGS MOBILE will accept only 50 candidates on an international scale, represents the highest level of experience and “massive participation” that a Networker / Influencer can achieve. Its objective is to share the Vision and Mission of WINGS MOBILE and the BWN token, to its strongly influenced network and followers.

**Compensation**
The compensation must be proportional to our request of highly professional profile. That’s why WINGS MOBILE is providing the highest token award of 50,000 BWN or $10,000.

7.4.4 The Double Referral Program

The referral program is a widely used promotion model that allows companies to expand their commercial network in digital channels to achieve objective and measurable results with a high probability index.

To further improve this tool, WINGS MOBILE has decided to activate the double reference program or allow those who promote their ICO through their sponsor link to receive a bonus of 4% when their direct contact - who in turn receives a 1% bonus - buys the BWN tokens.
## TECHNOLOGY ROADMAP

- Developed the first Safe Hybrid Technology.
- Developed the first prototypes of W5 and W2 smartphone.
- Developed the Wings back office
  - Development and design of Laptop Wings Book.
- Wings Energy integration development, in Wings backoffice.
- Development of new wings suite software & new wings dialer version
  - Development of new W2+ & W5+ technological drawings.
  - Development new Wings Book line.
- Prototype realization of W2+ & W5+ smartphones.
  - Prototype realization of the new laptop Wings Book.
  - Ico Bitwings technological development
- New smartphone W3 and W6 development.
- Wings PAY blockchain system development (off-line pos system)
  - PoD mining mobile app development
- Development of the new integrated software in the X-Generation series
  - Development of new devices X generation (WX & Xbook)
  - Development of the Safe Core operating system
  - Prototype realization of the MinePhone
- Development of Wings PAY blockchain system (on-line system).
  - Development of Super Natural Speech Virtual Assistant “Angel”
- Adding modules to Super Natural Speech Virtual Assistant “Angel”
- Development of new smartphones W2, W4, W7, W8
- Launching of new smartphones W2, W4, W7, W8

## COMMERCIAL ROADMAP

- Wings Mobile wins “ALCI AWARDS” for Technological DESIGN.
- Wings Mobile presents the Social Market Project.
- Wings Mobile launches GSM Mobile Phone Services in Spain.
- Launched the W2 & W5 models in the spanish market.
- Laptop Wings Book commercial launch
- Wings Energy commercial launch
- Pre launch in Peru, Ecuador and Colombia.
- Presentation of new smartphones W2+ & W5+
  - Presentation of new Wbook models.
- Creation of business units:
  - Colombia, Ecuador, Perú
  - Lauching Bitwings private sale
- Launching new devices W3 & W6
- Creation of the new B.U. Italy, Argentina, Mexico
- World lauching new Wings MinePhone
- Creation of the new business units of:
  - France, Germany, UK, Brazil, Austria, Greece, Ireland, Netherlands, Canada, Chile, USA, Portugal.
- World lauching new X-Generation devices.
  - World lauching of Wings PAY.
  - Creation of the new business units of:
    - Belgium, Bulgaria, Hungary, Luxembourg, Poland, Romania, Bolivia, Panama, Paraguay, Uruguay.
- Creation of the new business units of:
  - Croatia, Czech Rep., Slovenia, Slovakia, Sweden, Costa Rica, Guatemala, Honduras
9. TEAM BITWINGS

OUR FOUNDERS

ANTONIO MILIO
CEO & Co-Founder

DANIELE BIANCHINI
Chairman & Co-Founder

OUR TOP MANAGEMENT

EVAN LUTHRA
Top Advisor & Tech Mentor

FABRIZIO MELI
General Manager

FRANCESCO MACRI
Institutional Relations

ALESSANDRO TRAVERSARI
Technical Device Director

SEBASTIAN LUCERO
CTO

ANDREA DELLA BALDA
Global Business Development

RAÚL LLOVERAS
Director Marketing & Store

ERNESTO KRUGER
Investor Relationship

JUAN PABLO MORENO
Team Director

FREDDY RAMIREZ
Blockchain Network Director

CRISTIAN CASTRO
Crypto Engineer Director
9. TEAM BITWINGS

THE PROFESSIONAL TEAM

VERA ZHANG
China Office Director

LUCA PERCONTI
Financial Advisor

KIKO SERRANO
Senior Graphic Designer

DOMENICO CANTONE
Web Marketing Director

MARISA RUIZ
Financial Director

MAURIZIO SORINI
VAS Sales Director

ABU SIDDIK
Marketing Advisor

DAVID GONZALEZ
Network Sales Director

DAMIAN TIRANTE
Web Designer

VIKAS KALWANI
Campaign Manager

VIRGINIA ALBELDA
Social Media Wings

THE ADVISORY TEAM

MARCO REALINI
Advisor

SAURABH SHARMA
Media Relations Advisor

FARHANA MEGHAMI
Social Media Advisor

NAVIIN KAPOOR
Top Advisor

HUGO ORTIZ
Advisor

DANIEL AGUILAR
Advisor
CLAUSES FOR RISK DISCLOSURE

The following are the risk factors associated with the activities carried out by WINGS MOBILE, for the purchase and use of its BITWINGS token:

- WINGS MOBILE is developing a complex hardware and software project, and its release may be delayed due to unforeseen development challenges.

- The use of BWN tokens may be conditioned to the examination of governmental institutions.

- Ownership of BWN tokens may be subject to new and unpredictable tax laws that may destroy the benefits of BWN.

- The positions and plans described in this technical document could be modified as the project progresses.