



“REDISCOVER  
THE ORIGINS”

*PROVENANCE BLOCKCHAIN  
FULLY-INTEGRATED WITH  
SMART APPLICATION  
PLATFORM & REWARDS.*

WHITEPAPER

Version 1.0

# CONTENT

**DISCLAIMER**  
**ABSTRACT**  
**ERA OF BLOCKCHAIN & CRYPTOCURRENCY**  
**FUTURE OF CRYPTOCURRENCY**  
**INTRODUCTION TO LEDGIT**  
**VISION & MISSION**  
**OVERALL CONCEPT**  
**OUR GOALS**  
**SUPPLY CHAIN MARKET OVERVIEW**  
**PROBLEMS & CHALLENGES IN SUPPLY CHAIN**  
**HOW LEDGIT CAN PROVIDE SOLUTIONS**  
**CULTURAL & FAMILY LEGACY**  
**PROBLEMS & CHALLENGES**  
**LEDGIT's SPECIAL FEATURES**  
**TOKEN ALLOCATION**  
**TOKEN SALES**  
**FUNDS ALLOCATION**  
**ROADMAP**



# DISCLAIMER



The purpose of this White Paper is to introduce the blockchain platform, “LEDGIT” as a Blockchain as a service (BaaS), along with the utilization of “Smart Application Platform” to potential holders in connection with the proposed ecosystem. The information contained in this whitepaper is for general understanding purposes only. This whitepaper is for discussion and presentation purposes only. The proposed blockchain platform “LEDGIT” does not guarantee the accuracy of the conclusions reached in this whitepaper. We endeavor to keep the information contained in this whitepaper up-to-date and correct, however, we make no representations of any kind about the completeness, accuracy, reliability, suitability or availability. References provided are for informational purposes only and do not constitute endorsement of any sources. Nothing in this White Paper shall be deemed to constitute a prospectus of any sort or a solicitation for investment, nor does it in any way pertain to an offering or a solicitation of an offer to buy any securities in any jurisdiction. This document is not composed in accordance with, and is not subject to, laws or regulations of any jurisdiction, which are designed to protect investors.

# ABSTRACT



The term “Blockchain” is familiar for many people now. There are many new ideas and projects out there and to be released soon, which includes many imaginative models and new directions for Blockchain and may affect industries since the revolution of Internet.

**“As the value goes up, heads start to swivel and skeptics begin to soften. Starting a new currency is easy, anyone can do it. The trick is getting people to accept it, because it is their use that gives the “money” value.”**

**- Adam B. Levine, CEO of Tokenly**

Needless to say, Blockchain has been recognized by the world as a new generation of powerful technology. As the blockchain industry and the value of cryptocurrency assets expand, the market for cryptocurrency-investing and speculations are growing rapidly.

The cryptocurrency market has developed remarkably since the beginning and has a combined market capitalization of approximately \$347,765,141,515 with a 24-hour-volume of approximately \$34,281,423,604 in which Bitcoin (BTC) has a dominance of about 35.5%. (Source: Coin Market Cap, 7th February 2018)

Consequently, many new cryptocurrency concepts are being marketed to bridge the gap between technical complexity and usability of Blockchain. Hence, more and more Blockchain Platforms with Initial Coin Offerings (ICO) are entering the market whilst offering varieties of solutions to certain targeted industries or niche for greater efficiency and effectiveness.

LEDGIT aims to bring one of the blockchain solutions by offering a Blockchain-as-a-Service (Baas) platform and building an interactive ecosystem with the use of Smart Application Platform throughout the supply chains and logistics industries as well as the origins of family lineage and generations.



## NON-FINANCIAL



Authentication



Real Estate



Digital Identity



Smart Contracts



App Development



Blockchain in lot

# BLOCKCHAIN APPLICATION



Data Storage



Currency Exchange



P2P Transfer



Ride Sharing



Trading Platform



Games

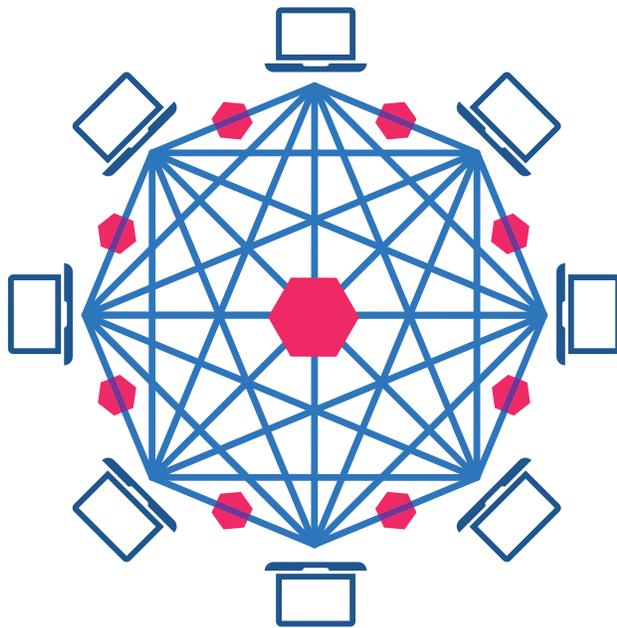
## FINANCIAL

# ERA OF BLOCKCHAIN & CRYPTOCURRENCY



A technology which allows digital information to be distributed and replicated, or commonly known as the blockchain technology created the backbone of a new type of internet. Originally devised for the digital currency, Bitcoin, the tech community is now finding other potential uses for the technology. Information held on a blockchain exists as a shared and continually

reconciled database. The blockchain database isn't stored in any single location, meaning the records it keeps are truly public and easily verifiable. No centralized version of this information exists for a hacker to corrupt. Hosted by millions of computers simultaneously, its data is accessible to anyone on the internet.



SECURITY



IMMUTABILITY



PSEUDONYMITY



TRANSPARENCY



LOW-COST



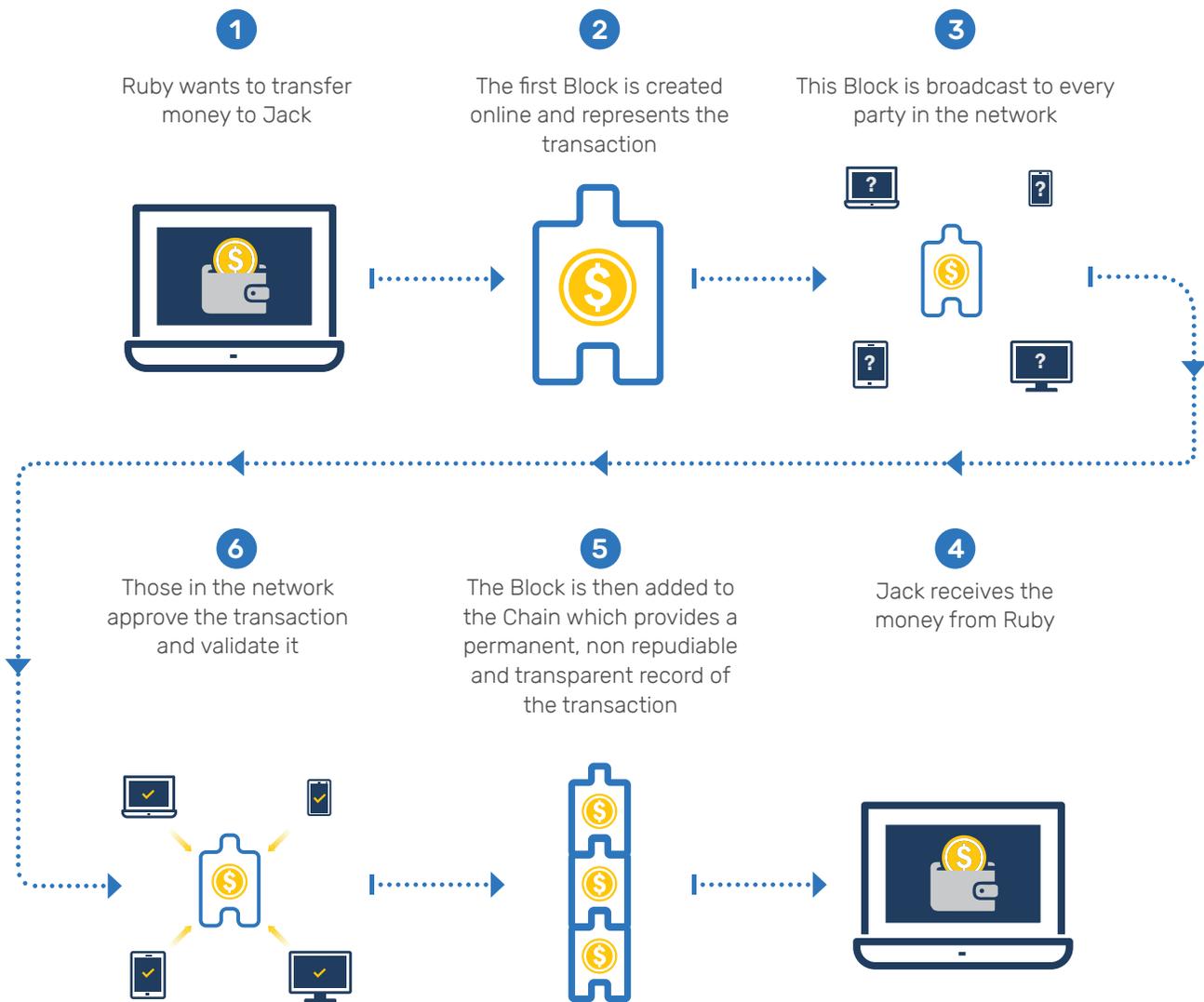
IRREVERSIBILITY

The very first digital cryptocurrency in the world was "Bitcoin" which was created by Satoshi Nakamoto, a pseudonym. Back in 2009, Bitcoin had one main goal which is to tackle issues in the traditional commerce model which totally relies on financial institutions and other trusted third parties to process electronic payments. Non-reversible or rather "non-disputable" transactions are not possible since those financial institutions cannot avoid potential disputes and subsequent mediation.





This leads to increased transaction costs as more information is needed between merchants and customers to establish the required level of trust. And even then, fraud can't be excluded. That's why Bitcoin created a cryptography based electronic payment system that allows consumers to create and control all transactions without the need of intermediaries and/or third parties.



# FUTURE OF CRYPTOCURRENCY



The use of blockchain technology is still burgeoning in the world of trade and finance. There are other industries such as supply chains, pharmaceutical companies, healthcare and so on, that could benefit from this technology. Economic theory suggests rapid increases in the amount of money created by governments erodes the value of currency. Consequently, hyperinflation in Venezuela has driven thousands to seek out Bitcoin.

(Source: [www.thebatt.com](http://www.thebatt.com), Science and Technology)

A cryptocurrency is in truth close to a utilization of the blockchain. One promising improvement for instance is 'smart contracts'. Contracts for issuing bank ensures or confirming information right now must be handled by an expansive number of individuals. Humans need to check the boxes to demonstrate endorsement on each frame which is a tedious procedure that prompts wastefulness and ineffectualness. These procedures can be worked more proficiently, more viably and more wisely on the off chance that they are implanted in the blockchain innovation.

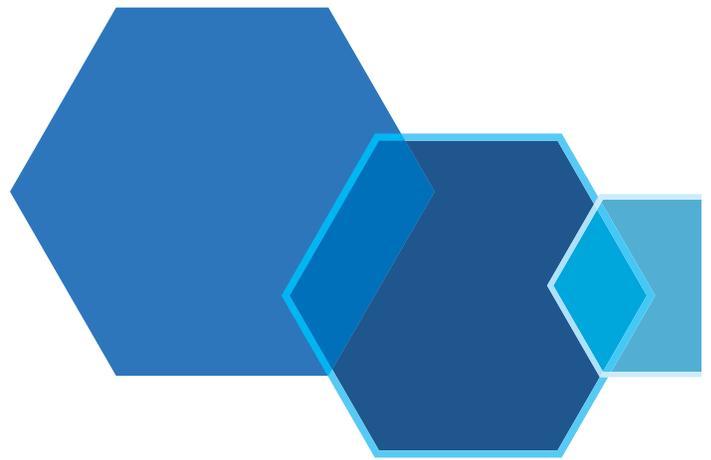
The evolution of money, and the evolution of every industry, strongly imply that Cryptocurrencies, probably in many forms, will be in our future and will dominate the money supply at one point or another. Cryptocurrency philosophy is valid and not going anywhere and is a natural evolution in the history of money from bartering to coins, papers, cards and data. Furthermore, the innovation basic these cryptographic forms of money are the principle center in the present society as it illuminates numerous solutions with respect to speed, convenience, mobility, functionality, transparency and the more importantly, "TRUST".

**"Cryptocurrencies can better adapt to the prevalent challenges of both funding and the emerging digital economy in addition to being a way to engage communities through P2P tech and crowdfunding platforms. There are over 2 billion people without access to the financial economy and even basics of modern civilization."**

**- Dinis Guarda, CEO of Humaniq -**



# LEDGIT



LEDGIT is a startup that is focusing on creating a smart application platform of solutions which utilizes the second generation of the blockchain technology or also known as Ethereum-based blockchain or the "Smart Contracts" to promote better transparency, provenance, legitimacy and efficiency across the origins of anything with value while also integrating a reward system.

The ultimate goal is to provide an interactive platform and ecosystem which promotes the accessibility of true information to be readily available to everyone & to reduce some of the issues faced by suppliers, manufacturers, retailers and consumers which are commonly \*\* provenance of anything with value in their respective chains to assure every parties with greater efficiency, authenticity and protection while also being rewarded throughout the ecosystem.



## VISON & MISSON



Our vision is to create an interactive ecosystem where the provenance of anything with value is a common part in the everyday lives. We foresee a platform whereby people are very much well-informed of their surrounding when it comes to consumption and are able to connect with each other in a more tactful way by integrating with their lineage history. \*\*

Our mission is to develop a smart application platform integrated with Ethereum's ERC20 blockchain standards to enable the tracking and tracing of the origins of goods and products as well as recording of the history of family linages to enable the legitimacy and legacy to be established throughout generations to come. All of these is integrated with an interactive and user-friendly experience along with a fancy reward system.

# OVERALL CONCEPT



Provenance is the history of the ownership and transmission of an object, the most important of which is that well-documented provenance helps confirm that an item is authentic. LEDGIT allows manufacturers, suppliers, wholesalers, retailers, distributors and consumers to make their products and its provenance more transparent, traceable and trusted with the integration between the blockchain technology “Smart Contract” and a ‘Smart Application Platform’ (SAP). LEDGIT uses a consortium blockchain technology in order to achieve a consensus proof of provenance. A consortium blockchain is a hybrid of both private and public blockchain. This can enhance the traceability of the products in certain supply chains integrated in our system in order to confirm, verify and record all the products’ information and origins and allowing this information to be openly accessible by everyone in the ecosystem. The specific data & information are linked to physical goods through bar codes, QR codes, label tags, serial numbers and so on. Other than that, LEDGIT also integrates with the SAP to enable the legitimacy and legacy of family lineages to be recorded and passed on throughout generations. Valuable intangible things such as occasions, cultures, traditions, family treasures, wills and so on. Cultures and traditions heritages varies depending on continents all over the world. Hence, it is of utmost importance to have all these information to be recorded and to be passed on first-handedly by each and every culture and/or family because of the uniqueness in each family lineages.





## OUR GOALS



### Short term

LEDGIT focuses on developing the Smart Application Platform(SAP) integrated with the foundation of tracking and recording functions along with the reward system to enable users to start exposing to this provenance solutions and be rewarded along the way.

### Long term

LEDGIT focuses on widespread use of the provenance blockchain-integrated SAP for businesses and people all over the globe to establish their legacies in our interactive and social blockchain-as-a-service(BaaS) platform.



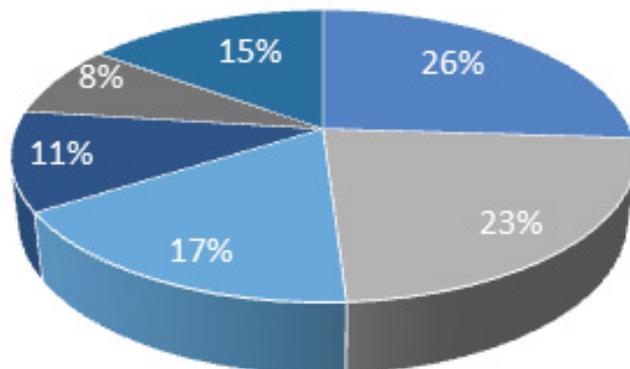
# SUPPLY CHAIN MARKET OVERVIEW



- Over the years, the supply chain industries have experienced an enormous change. It used to be a purely operational logistics function that manually reports to sales or manufacturing and ensures supply of production lines and delivery to customers. Now it has evolved with an independent supply-chain management functions integrating AI's and data technologies.
- The supply-chain function ensures that operations are well-integrated, from suppliers through to customers, with decisions on cost, inventory, and customer service made from an end-to-end perspective rather than by each function in isolation.
- The impact of digitization requires companies to reanalyze the way they map out their supply chain flow. At the same time, expectations from the consumers are growing which leads to a growing service expectation along with the increasing need of readily available information and orders for decision making.
- Digitization leads to the revolution of the entire supply chain, which becomes faster, more flexible, more efficient and more transparent.

## GLOBAL SUPPLY CHAIN SIZE

- Electronics & Communications
- Consumer Goods
- Logistics
- Automotive
- Healthcare
- Other

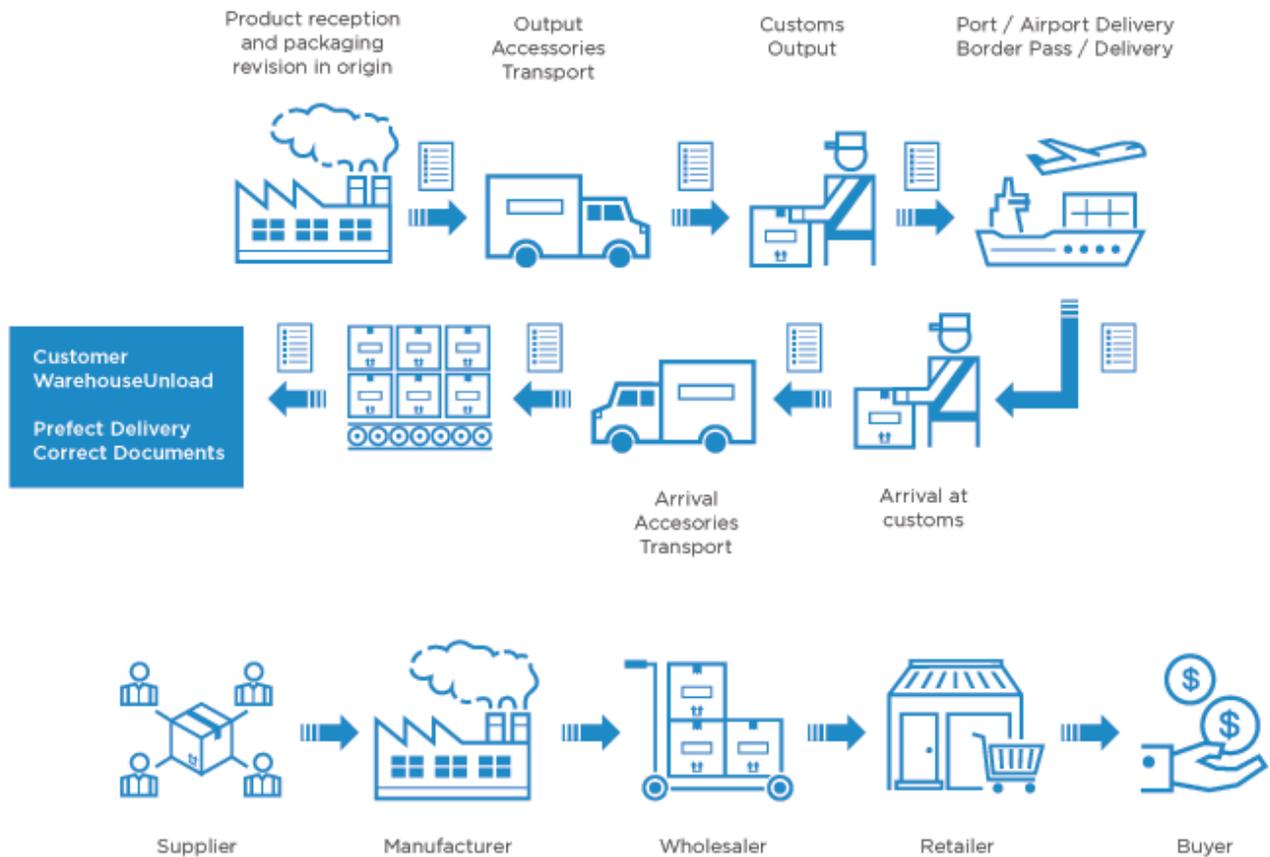


Source:  
Global Supply Chain Trends, PRTM Annual Survey 2012

# OVERVIEW OF SUPPLY CHAIN



- The flow and records of data and information are done manually which may contribute to potential of loss of data/info and manipulation in records/transactions.
- Risk of frauds and manipulations in items and goods during the delivery process.
- Complex coordination and collaboration with many parties across borders regarding storage and logistics which results in delays.
- Low traceability of goods and products especially during transporting/delivery.
- Overall insecure and ambiguous flow of provenance.



**Lack of information regarding products makes it hard for consumer to make decisions or normally make unwise decisions (buying overpriced or spoiled items).**

# PROBLEMS & CHALLENGES IN SUPPLY CHAIN



## AUTHENTICITY OF PRODUCTS

Some brands often create products that are surprisingly easy to fake due to the production and design process of the products itself is usually outsourced to manufacturers with lower labour and production costs. This opens a way for other manufacturers to duplicate the same item using lower quality materials and market the product elsewhere and claiming that the products are the real deal. This will ultimately lead to low trust in goods in terms of quality and compliance to certain policies or necessities.

## LACK OF INFORMED CONSUMERS

In today's world, lack of information or misleading information from advertisements and promotional campaigns regarding certain products often makes it hard for consumers to make decisions or commonly make unwise decisions when it comes to consumer spending. This will lead to risk of buying overpriced products or goods containing dangerous substances.



## TIME DELAYS

Some companies or businesses especially those dealing with third party logistics, will have to deal with coordination and collaboration with many parties across borders regarding deliveries, storage, and logistics which results in delays due to miscommunications and ambiguous process flows.





## LACK OF COST CONTROL

As inflation and the need for economies of scale rises, businesses often face challenges when it comes to budget control and overall financial planning. For instance, the rising costs of commodities, greater number of customers globally, enhancement of new technologies, increasing labour and material rates, new regulations and policies, and rising costs of deliveries result in higher operating costs. This leads to misjudgement of overall financial planning in certain businesses in the supply chain.

## LOST TRACK OF PRODUCTS (LOW TRACEABILITY)

The increment in the complexity in the flow of supply chains often leads to long deliveries which makes it hard for some products to be traced and/or tracked. This affects consumers and businesses to wait for a long period of duration especially those that involved cross border purchases and will indirectly impact the confidence of the consumers and the branding and production of businesses. In some cases, the inability to track or trace products accurately allows some products or goods to be stolen, lost or manipulated halfway through the logistic flow.



# HOW LEDGIT'S PROVENANCE BLOCKCHAIN CAN IMPROVE THE CURRENT SUPPLY CHAIN?



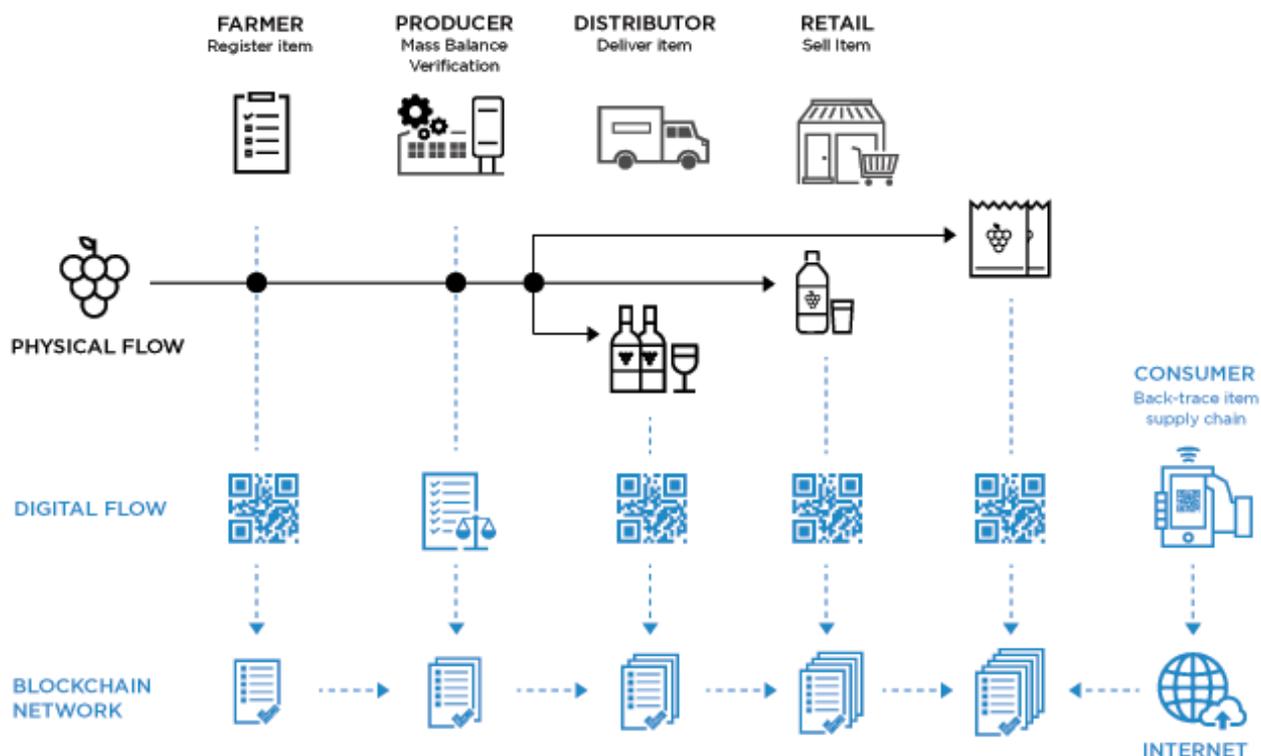
LEDGIT promotes the visibility and accessibility of information. It is vital to provide as much data as possible to the clients, to make decisions.

LEDGIT's flow of provenance along with the rating system in the blockchain can verify products not only from the top to the bottom, but also from the bottom to the top in the supply chain to increase the authenticity of the products.

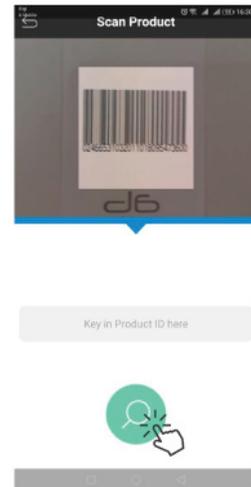
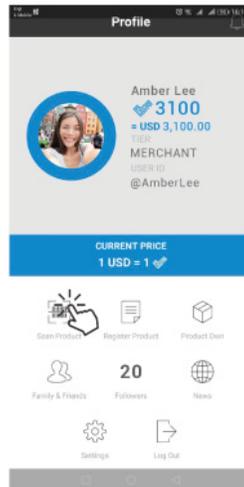
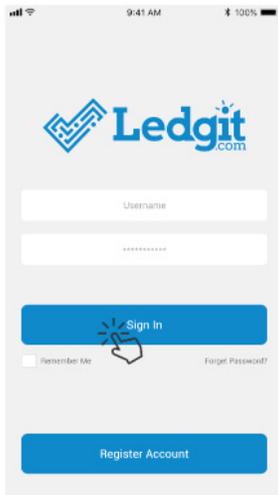
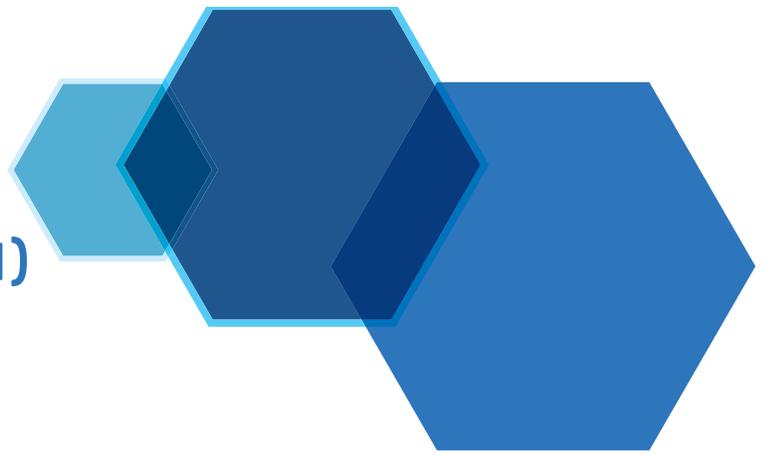
With a Smart Application Program integrated in LEDGIT's blockchain, products information and ownership can be easily traceable in the distributed ledger.

Promoting an interactive ecosystem for all parties in the supply chain to achieve a better and healthier supplier/buyer relationship.

LEDGIT aims to issue a new cryptocurrency (LDG) pegged to a fixed low transaction rate and free from fluctuation in the supply chain that enables future expenses to be easily managed and control to clear off financial volatility in this industry.

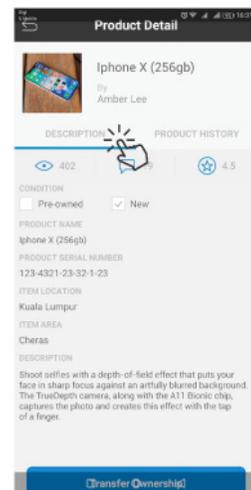
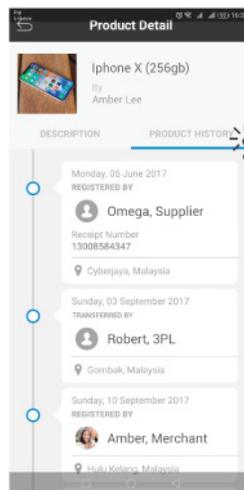


# HOW IT WORKS (APPS INTEGRATION)

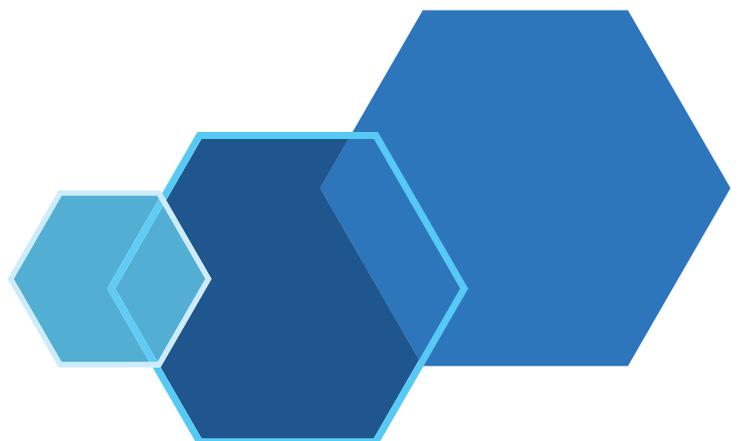
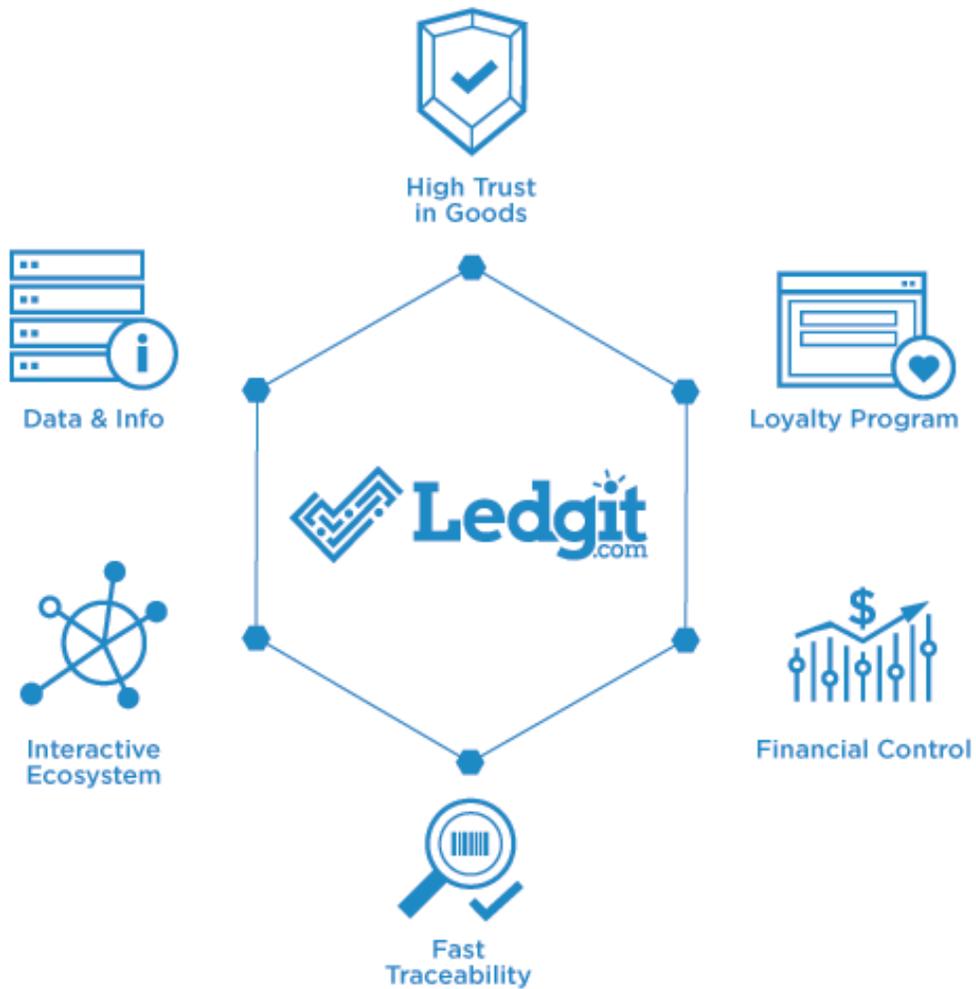


To search for a product provenance by scanning on a product barcode. We can scan or input the product serial number or ID to search.

We will be able to see the product information and product history.



# 6 FEATURES FOR PRODUCT PROVENANCE



# CULTURAL AND LEGACY HERITAGE



As the time changes, innovation remains one of the key factors to success. However, these advances in science and technology which brings convenience to mankind somehow minimizes the endurance of culture throughout generations after generations.

A cultural legacy can have either a positive or negative effect on success. Passing on beliefs, ideas and methods of doing things all relate to cultural legacy. This way, special skills, traditions, information, ancestry treasures are passed down through generations to come. People who don't know their culture usually lack cultural identity, but they also lack the means to succeed in life.

In other words, cultural legacy determines someone's destiny and their means to success. Over the years, the history of ancestry has persisted in the aspects of culture heritage in the hope that future generations will inherit and develop their these good cultures, traditions and legacy.

The heritage and legacy does not refer to physical or tangible things but also on intangible things such as ideals, beliefs, knowledges, moral values and so on. These intangible values are some of the key to determine a person's standard in society.



"A person without the knowledge of their past history, origin and culture is like a tree without roots."  
Marcus Garvey



# PROBLEMS IN THE MODERN AGE



## RELATIONSHIP

- Unable to identify what relationship each other have (Uncles & Aunts, Long Distance, etc)
- Curiosity as to how big and far up their family lineage and history background has been.

## PASSED-ON FAMILY TREASURES

- Some valuables (tangible/intangible) has lost along the way of generations. Cant retrieve any information regarding the lost valuables.
- Recipes, special skills, jewelleries, antiques, way of thinking, beliefs, etc.





**CUSTOMARIES**

- Traditions & practices within the lineage history and so on.



**TRADITIONAL PRACTICES IN FAMILY**

- Some internal practices such as manners, upbringing, naming of descendents and so on.

**FESTIVAL CELEBRATIONS.**

- Festivals that has been throughout generations but the original meaning of it has diminished.



# LEDGIT'S SPECIAL FEATURES



## RELATION/ASSOCIATION

With LEDGIT's Smart Application Platform, people can connect with each other and to know each other better through the relation/association feature while also getting rewarded along the way.

## ANCESTRY/PEDIGREES

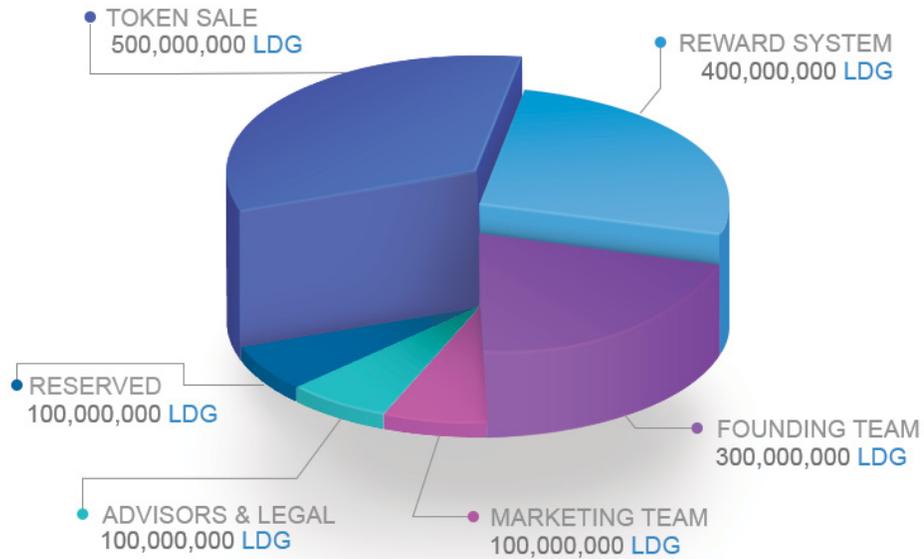
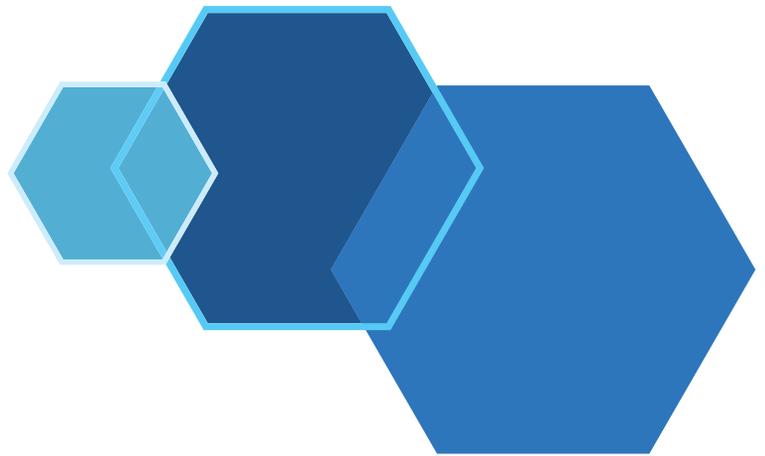
LEDGIT enables intangible values of information be recorded in the database and blockchain of a certain family tree, thus, allowing these traditions to be passed on to future generations to come.



## INTERACTIVE SOCIALIZATION GAMES

LEDGIT provides some games allow users to know more regarding their ancestries and histories while some games enables circle of friends to have a closer relations.

# TOKEN ALLOCATION



LEDGIT (LDG) is based on the Ethereum ERC-20 standard following widely adopted token implementation standards and containing functional properties in the Ethereum blockchain.

Allocations	Number of Tokens (LDG)
Founding Team	300,000,000
Token Sale	500,000,000
Reward System	400,000,000
Marketing Team	100,000,000
Advisors & Legal	100,000,000
Reserved	100,000,000

Total supply 1,500,000,000 LDG.

# TOKEN SALES



## PRE-ICO (Tier 1)

PRE-ICO Period :	May 5 <sup>th</sup> 2018 – May 30 <sup>th</sup> 2018
PRE-ICO Price :	\$0.05 per LDG
Total (Tier 1) LDG :	50,000,000 LDG

## PRE-ICO (Tier 2)

PRE-ICO Period :	June 6 <sup>th</sup> 2018 – July 1 <sup>st</sup> 2018
PRE-ICO Price :	\$0.07 per LDG
Total (Tier 2) LDG :	100,000,000 LDG

A total of 500,000,000 LEDGIT (LDG) is allocated for Token Sales.

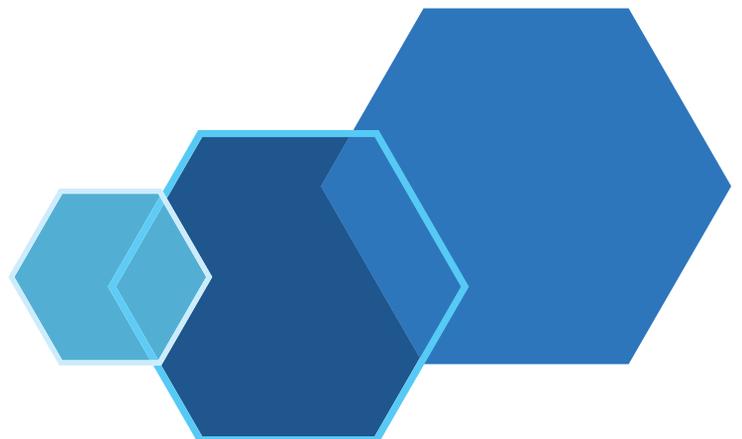
To all of you who wish to participate and be amongst the pioneers that will be some of the first few to have privilege in our next generation platform, LEDGIT's ICO stages will be officially commenced in May of 2018.

The Pre-ICO of LDG will be divided into 2 tiers, the first tiers having discounted rates.

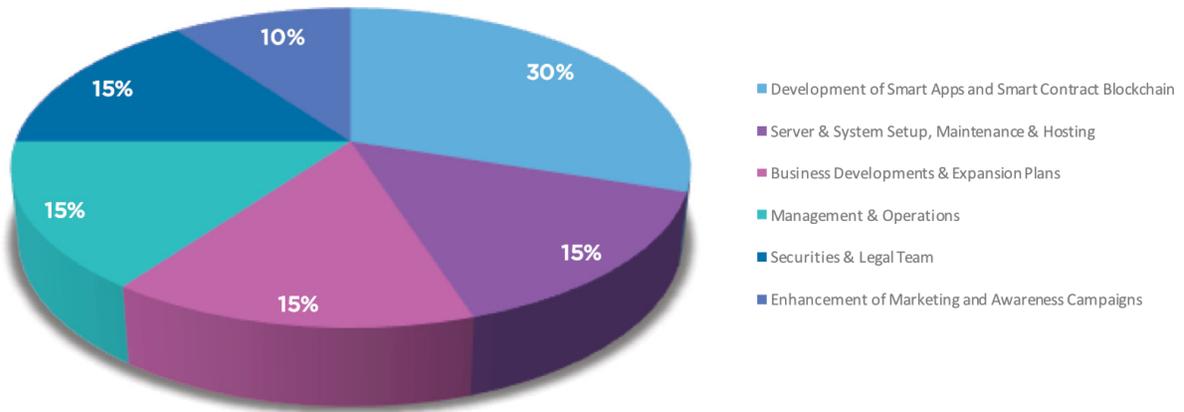
Tier 1 of Pre-ICO is scheduled to run from 5th May of 2018 to 30th May of 2018. A maximum total of 50,000,000 LDG will be sold at \$0.05 per LDG (approximately 30% discounted rate from Tier 2).

Tier 2 of Pre-ICO is scheduled to run from 6th June 2018 to 1st July 2018 with a total of 100,000,000 LDG to be sold at \$0.07 per LDG (approximately 20% discounted rate from LEDGIT Main Sale).

All unsold tokens during the Pre-ICO will be redirected to the rewards pool.



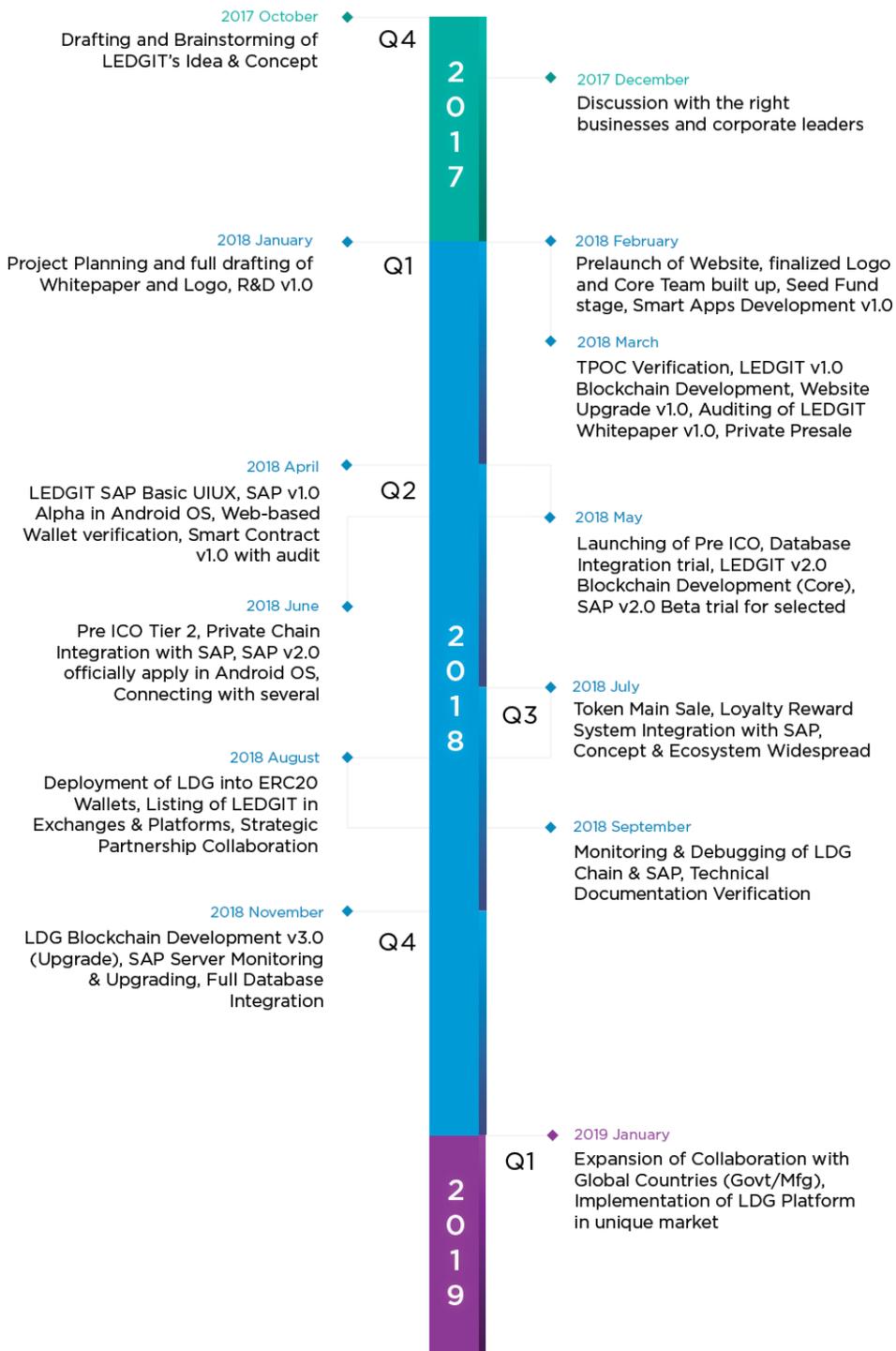
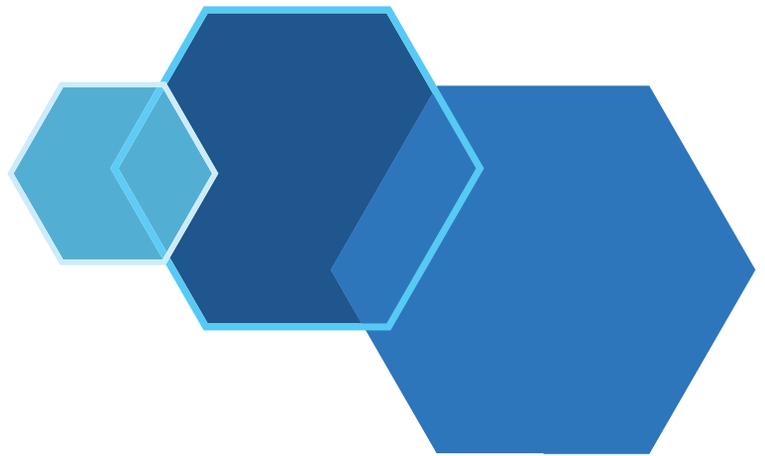
# FUNDS ALLOCATION



Allocations	Funds
Development of Smart Apps and Smart Contract Blockchain	30%
Server & System Setup, Maintenance & Hosting	15%
Business Developments & Expansion Plans	15%
Management & Operations	15%
Securities & Legal Team	15%
Enhancement of Marketing and Awareness Campaigns	10%

Total LDG from Token Sales = 500,000,000 LDG  
Soft Cap = \$15,000,000  
Hard Cap = \$31,000,000

# ROADMAP





# THANK YOU

Visit our website for more information and updates on LEDGIT



[www.LEDGIT.com](http://www.LEDGIT.com)