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Total supply : **7860 cr. (786000000000)**

Smart contract

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DRONSCOIN distribution

ENTITY	TOKEN QUANTITY	PERCENTAGE	REMARKS
FOUNDERS	3144 CR	40%	LOCKUP PERIOD for five YEAR
MARKETING AND PROMOTION	786 CR	10%	PERIOD FROM 6 MONTHS TO 12 MONTHS
ADVISORS & PARTNERSHIPS	786 CR	10%	LOCKUP PERIOD FROM 2 YEAR
CONTRIBUTORS	1572 CR	20%	LOCKUP PERIOD for 3 YEAR
PUBLIC EXCHANGE	1572 CR	20%	FOR PUBLIC SALE ON EXCHANGE
TOTAL	7860 CR	100%	

WHITE PAPER

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A White Paper on the Future Opportunities of Droncoin Technology

Flying car

A flying car or roadable aircraft is a type of vehicle which can function as both a personal car and an aircraft. As used here, this includes vehicles which drive as motorcycles when on the road. The term "flying car" is also sometimes used to include hovercars.

Many prototypes have been built since the early 20th century, using a variety of flight technologies. Most have been designed to take off and land conventionally using a runway, although VTOL projects are increasing.

None has yet been built in more than a handful of numbers.

Their appearance is often predicted by futurologists, and many concept designs have been promoted. But their failure to become a practical reality has led to the catchphrase "Where's my flying car?", as a paradigm for the failure of predicted technologies to appear.

Flying cars are also a popular theme in fantasy and science fiction stories.

Design

A flying car must be capable of safe and reliable operation both on public roads and in the air. For mass adoption, it will also need to be environmentally friendly, able to fly without a fully qualified pilot at the controls, and come at affordable purchase and running costs.

Design configurations vary widely, from modified road vehicles such as the AVE Mizar at one extreme to modified aircraft such as the Plane Driven PD-1 at the other. Most are dedicated flying car designs.

Lift

Like other aircraft, lift in flight is provided by a fixed wing, spinning rotor or direct powered lift. The powered helicopter rotor and direct lift both offer VTOL capability, while the fixed wing and autogyro rotor take off conventionally from a runway.

The simplest and earliest approach was to take a driveable car and attach removable flying surfaces and propeller. However when on the road, such a design must either

tow its removable parts on a separate trailer or leave them behind and drive back to them before taking off again.

Other conventional takeoff fixed-wing designs, such as the Terrafugia Transition, include folding wings that the car carries with it when driven on the road.

Vertical takeoff and landing (VTOL) is attractive, as it avoids the need for a runway and greatly increases operational flexibility. Typical designs include rotorcraft and ducted fan powered lift configurations.[53] Most design concepts have inherent problems.

Rotorcraft include helicopters with powered rotors and autogyros with free-spinning rotors. For road use, a rotor must, like many naval helicopters, be either two-bladed or foldable. The quadcopter requires only a simple control system with no tail. The autogyro relies on a separate thrust system to build up airspeed, spin the rotor and generate lift. However, some autogyros have rotors that can be spun up on the ground and then disengaged, allowing the aircraft to jump-start vertically. The PAL-V Liberty is an example of the autogyro type.

Ducted-fan aircraft such as the Moller Skycar tend to easily lose stability and have been unable to travel at greater than 30–40 knots. [54]

Power

The flying car places unique demands on the vehicle power train. For a given all-up weight, an aero engine must deliver higher power than its typical road equivalent. However on the road the vehicle must handle well and not be overpowered. Power must also be diverted between the airborne and road drive mechanisms. Some designs therefore have multiple engines, with the road engine being supplemented, or even replaced by, additional flight engines.

As with other vehicles, power has traditionally been supplied by internal combustion engines, but electric power is undergoing rapid development. It is coming into increasing use on road vehicles, but the weight of the batteries currently makes it unsuited to aircraft. However its low environmental signature makes it attractive, and it is expected to prove viable in the near future, at least for the short trips and dense urban environments envisaged for the flying car.

On the road, most flying cars drive the road wheels in the conventional way. A few use the aircraft propeller in similar manner to an airboat, but this is inefficient.

In the air, a flying car will typically obtain forward thrust from one or more propellers or ducted fans. A few have a powered helicopter rotor. Jet engines are not used due to the ground hazard posed by the hot, high-velocity exhaust stream.

Safety

In order to operate safely, a flying car must be certified independently as both a road vehicle and an aircraft, by the respective authorities. The person controlling the vehicle must also be licensed as both driver and pilot, and the vehicle maintained according to both regimes.

Mechanically, the requirements of powered flight are so challenging that every opportunity must be taken to keep weight to a minimum. A typical airframe is therefore lightweight and easily damaged. On the other hand, a road vehicle must be able to withstand significant impact loads from casual incidents while stationary, as well as low-speed and high-speed impacts, and the high strength this demands can add considerable weight. A practical flying car must be both strong enough to pass road

safety standards and light enough to fly. Any propeller or rotor blade also creates a hazard to passers-by when on the ground, especially if it is spinning; they must be permanently shrouded, or folded away on landing.

For widespread adoption, as envisaged in the near future, it will not be practicable for every driver to qualify as a pilot and the rigorous maintenance currently demanded for aircraft will be uneconomic. Flying cars will have to become largely autonomous and highly reliable. The density of traffic will require automated routing and collision-

avoidance systems. To manage the inevitable periodic failures and emergency landings, there will need to be sufficient designated landing sites across built-up areas. In addition, poor weather conditions could make the craft unsafe to fly.^[55]

Regulatory regimes are being developed in anticipation of a large increase in the numbers of autonomous flying cars and personal air vehicles in the near future, and compliance with these regimes will be necessary for safe flight.

Control

A basic flying car requires the person at the controls to be both a qualified road driver and aircraft pilot. This is impractical for the majority of people and so wider adoption will require computer systems to de-skill piloting. These skills include aircraft manoeuvring, navigation and emergency procedures, all in potentially crowded airspace. The onboard control system will also need to interact with other systems such as air traffic control and collision-risk monitoring. A practical flying car may need to be capable of full autonomy, in which people are present only as passengers.

Environment

A flying car capable of widespread use must operate acceptably within a heavily populated urban environment. The lift and propulsion systems must be quiet enough not to cause a nuisance, and must not create excessive pollution. For example, pollution emissions standards for road vehicles must be met.

The clear environmental benefits of electric power are a strong incentive for its development.

Cost

The needs for the propulsion system to be both small and powerful, the vehicle structure both light and strong, and the control systems fully integrated and autonomous, can only be met at present, if at all, using advanced and expensive technologies. This may prove a significant barrier to widespread adoption.

Flying cars are used for relatively short distances at high frequency. They travel at lower speeds and altitudes than conventional passenger aircraft. However optimal fuel efficiency for aeroplanes is obtained at higher speeds and altitudes, so a flying car's energy efficiency will be lower than that of a conventional aircraft.^[57] Similarly, the flying car's road performance is compromised by the requirements of flight and the need to carry around the various extra parts, so it is also less economical than a conventional motor car.

Industry groups

In April 2012, the International Flying Car Association was established to be the "central resource center for information and communication between the flying car industry,

news networks, governments, and those seeking further information

worldwide".^[58] Because flying cars need practical regulations that are mostly dealt with on a regional level, several regional associations were established as well, with the European Flying Car Association (EFCA) representing these national member associations on a pan-European level (51 independent countries, including the European Union Member States, the Accession Candidates and Russia, Switzerland, Turkey, Ukraine).^[59] The associations are also organizing racing competitions for roadable aircraft in Europe, the European Roadable Aircraft Prix (ERAP), mainly to increase awareness about this type of aircraft among a broader audience.

The Worldwide Market for Flying Cars is Predicted to Reach \$320 Billion by 2030

DUBLIN, May 21, 2021 /PRNewswire/ -- The "Global and China Flying Car Industry Report, 2020-2026" report has been added to ResearchAndMarkets.com's offering.

This report analyses eVTOL ((Electric Vertical Takeoff and Landing) from the perspective of status quo, trends, business models, financing, the layout of major players, and product solutions. Morgan Stanley predicts that the flying car market will reach \$320 billion by 2030.

Compared with traditional cars and aircrafts, eVTOL has gradually materialized, featuring zero emission, low cost, point-to-point low-altitude flight (short mobility time without geographical restrictions), vertical take-off and landing, land and aerial applications. For example, EHang 216 with multi-rotor electric vertical take-off and landing is used as an ambulance in the coronavirus crisis.

Investors favor urban air mobility (UAM). The total financing of the three unicorns exceeds \$1.5 billion

By 2030, 60% of the population will migrate into cities, which may pose enormous pressure on urban ground transportation. By then, the demand for urban aerial short-distance mobility will increase significantly.

Flying cars have been favored by many investors due to the broad application prospects. Larry Page, cofounder and CEO of Alphabet, Google's parent company, was among the first to recognize their potentials,

personally funding three companies, Zee Aero, Opener and Kitty Hawk. Particularly, Sebastian Thrun, Google's self-driving team founder turned CEO of flying vehicle startup Kitty Hawk. This indicates the trend of the mobility market: the future transportation may develop in the sky.

Among the three flying car unicorns, Joby Aviation is from the United States, Volocopter and Lilium are from Germany. Joby Aviation has raised the overwhelming USD820 million. Volocopter has announced the signing of their Series D funding round, and its investors include Geely, Daimler, Geely, Daimler, DB Schenker, Intel Capital, etc.

Currently, 5 flying car models have been mass-produced. Electrification and autonomous driving are the mainstream

American companies (accounting for nearly 50%) are the most enthusiastic about developing flying cars, followed by Chinese companies. Many companies aim to materialize flying cars around 2025. Five flying car projects have seen mass production, and 38% have realized automation.

Automotive technology and aviation technology are merging with each other. Benefiting from the development of automotive electrification, flying cars have a progress in endurance. For example, Airbus Vahana eVTOL has a range of up to 50 kilometers, which basically enables urban short-distance mobility.

Amid many participants, Geely, Xpeng, Hyundai and other OEMs have deployed the market

Currently, traditional airlines such as Boeing, Airbus, Bell, etc. have embarked on flying car projects. Technology companies follow suit. For example, Uber has established Uber Elevate to develop flying taxis with 9 partners including Embraer, Aurora Flight Sciences, Jaunt Air Mobility, etc.

The CEO of the OEM Xpeng recently stated that it will build flying cars in 2021. Geely completed its acquisition of the US flying-car startup Terrafugia, and invested in Volocopter, a German electric flying taxi R&D company, demonstrating its ambition to deploy UAM. Recently, Transition (TF-1), a subsidiary of Geely, obtained the world's first special airworthiness certificate from the Federal Aviation Administration (FAA), USA.

The United States, Germany, China, South Korea, Japan and many other countries have paid attention to the concept of flying cars, and many of them have formulated UAM development plans. Affected by favorable policies, insufficient urban road traffic space, autonomous driving and the development of 5G communication technology, flying cars are expected to become an important way of smart mobility in the future.

Key Topics Covered:

- Market Size**
- Competitive Landscape**
- Parameter Comparison of Flying Cars in Mass Production**
- Financing**
- Financing Ranking**
- Cooperation between Domestic and Foreign OEMs and Technology Companies**
- Business and Management Models**
- Key Challenges**
- Development Trends**

2. Airlines Which Lay out Flying Car Field

- Boeing**
- Profile**
- Flying Car Prototype: PAV and CAV**
- Flying Car Prototype: Parameter Comparison of PAV and CAV**
- Flying Car Layout Schedule**
- Airbus**
- Profile**
- Development History of Vahana**
- Technical Parameters of Vahana**
- Development History of Flying Car Project**
- Technical Parameters of Flying Cars**
- Cooperation and Development Plan in the UAM Field**

Bell

Profile

Parameter Comparison of Air Taxis

Cooperation and Development Plan in the UAM Field

MuYu Aero Technology

Profile

Air, Land and Sea Flying Car

Air, Land and Sea Flying Car: Parameters

Air, Land and Sea Flying Car: Parameters and Development Plan

Embraer

Profile

UAM Aircraft

AVIC

Profile

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Volocopter

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Commercial Operation and Layout Plan

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Flying Car

Parameters of AeroMobil 4.0

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Profile

Lilium Jet

Development Roadmap of Lilium Jet

SkyDrive

Profile

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Partners

Parameters

Commercialization Roadmap

Application Scenarios

Joby Aviation

Profile

Financing

Development History of Joby Aviation

Joby Aviation S4

Commercialization Roadmap of Joby Aviation

Joby Aviation Acquired Uber Elevate

PAL-V

Profile

PAL-V Liberty

Parameters of PAL-V Liberty

Kitty Hawk

Profile

Kitty Hawk

Parameters of Heaviside

Opener

Profile
Development History of Opener
Parameters of Blackfly
EHang
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Development History of Flying Cars
Flying Car Certification
Financing
Parameters of Autonomous Aircrafts
Capacity Expansion Plan in China
UAM Ecosystem Layout

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eVTOL Industry Chain
Parameters and Layout Plan
Commercial Operation and Layout Plan
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Profile
Flying Car
Parameters of AeroMobil 4.0
Commercialization
Lillium
Profile
Lilium Jet
Development Roadmap of Lilium Jet
SkyDrive
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Development History
Partners
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Application Scenarios
Joby Aviation
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Development History of Joby Aviation
Joby Aviation S4
Commercialization Roadmap of Joby Aviation
Joby Aviation Acquired Uber Elevate
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PAL-V Liberty
Parameters of PAL-V Liberty
Kitty Hawk
Profile
Kitty Hawk
Parameters of Heaviside
Opener
Profile
Development History of Opener
Parameters of Blackfly
EHang
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Flying Car Certification

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Capacity Expansion Plan in China
UAM Ecosystem Layout

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Geely

Profile

Development History of Transition

Parameters of Transition

Geely invested in Volocopter

Xpeng

Profile

Traveler T1

Hyundai

Profile

Parameters of S-A1

Hyundai and Urban Airport Cooperate to Build Flying Car Airports

Future Smart Mobility Vision

General Motors

Flying Car Layout

Aston Martin

Flying Car Layout

Porsche

Flying Car Layout

Toyota

Flying Car Layout

Daimler

Flying Car Layout

Uber

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Partners of Uber Elevate

Business Models of Uber Elevate

5. Overview of Flying Cars

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Classification

Development History

Features and Advantages

Comparison of Autonomous Flying Cars, UAVs and Shared Cars

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Grades of Autonomous Flying Car Technology

Development of eVTOL Technology

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6. Global and Chinese Flying Car Market

Status Quo

Laws and Regulations

Development Plan in Japan

Development Plan in South Korea

Development Plan in Europe and America

Development Plan in China

7. Global and Chinese Flying Car Market Status Quo

Laws and Regulations

Development Plan in Japan

Development Plan in South Korea

Development Plan in Europe and America

Development Plan in China

Global and China Flying Car Industry Report, 2020-2026

Flying Car Research: The prospect is promising. Creator of Google self-driving cars turns to track of flying cars. ResearchInChina released Global and China Flying Car Industry Report, 2020-2026, analyzing eVTOL ((Electric Vertical Takeoff and Landing) from the perspective of status quo, trends, business models, financing, the layout of major players, and product solutions.

New York, April 15, 2021 (GLOBE NEWSWIRE) -- Reportlinker.com announces the release of the report "Global and China Flying Car Industry Report, 2020-2026" - https://www.reportlinker.com/p06061662/?utm_source=GNW

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policies, insufficient urban road traffic space, autonomous driving and the development of 5G communication technology, flying cars are expected to become an important way of smart mobility in the future.

Global Opportunity Analysis and Industry Forecast, 2025–2035

Flying Car Market by Mode of Operation (Piloted and Autonomous), End Use (Commercial & Professional Commute and Personal Commute), and Seating Capacity (One, Two, Four, and More Than Six): Global Opportunity Analysis and Industry Forecast, 2025–2035

Flying Car Market Statistics 2035 -

The global flying car market is expected to be valued at \$215.54 million in 2025, and is projected to reach \$3,804.18 million by 2035, registering a CAGR of 34.1%. Europe is expected to be the highest contributor with \$77.98 million in 2025, and is estimated to reach \$1,618.68 million by 2035, with a CAGR of 37.8%.

Flying car is the new era of urban mobility solution type that operates on road as well as air, as per the requirements. Majority of the future flying car solutions are expected to be equipped with vertical takeoff and landing systems to avoid long run way requirements to take off, as well as it can be mold with urban infrastructural structure. Policy makers need to introduce regulations and rules to comply the changing need for urban commute solution that involves both, aviation as well as road transportation policies. Flying car have a wide range of applications, including passenger commute, commercial transport such as air taxi, and professional transport such as police, medical service front. In the upcoming era, infrastructural development is expected to be more critical than the product development.



Global FLYING CAR Market

Opportunities and Forecast, 2025-2035

Global Flying Car Market is expected to reach **\$3.80 Billion** by 2035.

Growing at a **CAGR of 34.1%** (2026-2035)

Allied Market Research

Factors such as changing urban mobility outlook and increasing investment by the market players are expected to drive the growth of the flying car market. However, high development cost of the flying cars and implementation of stringent regulations for aviation license restrain the market growth. On the contrary, increase in agreements & contracts and high untapped potential in Asia-Pacific are projected to offer lucrative growth opportunities for the market players.

The global **flying cars market** is segmented into mode of operation, end use, seating capacity, and region. By mode of operation, the market is divided into piloted and autonomous. Depending on end use, it is bifurcated into commercial & professional commute and personal commute. On the basis of seating capacity, it is segregated into one, two, four, and more than six. Region-wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key players operating in the global flying car market include AeroMobil, Airbus S.A.S., Hyundai Motor Company, Klein Vision s. r. o., Lilium, PAL-V N.V., Samson Motors, Inc., Terrafugia, The Boeing Company, and Volocopter GmbH.

Flying Car Market

By Mode of operation

Autonomous segment is projected as the most lucrative segments

Changing urban mobility outlook

In the recent years, urban mobility is shifting toward digital, high-end technologies along with green mobility initiatives to develop sustainable and resilient transportation system. Moreover, rapid urbanization is demanding for alternative transportation solutions to overcome modern urban transportation issues such as traffic congestion and increased air pollution. This has encouraged companies operating in the mobility sector to focus on developing electric or hybrid propelled transportation medium that can be operated on road as well as an air mobility solution. Moreover, the problem of traffic congestion across the globe has increased to a larger extent with rise in number of automotive fleet operating on the road. Traffic congestion leads to severe impact on the environment by increasing the carbon footprint. Flying cars, which are being developed across the globe at personal as well as commercial front, are operable within the city. Thus, increase in road traffic congestion and rise in need for alternative transportation solution across the globe have led to increase in demand for flying cars.

Flying Car Market

By End Use

Personal Commute segment is projected as the most lucrative segments

Stringent regulations for aviation license

Stringent regulations already exist for attaining the aviation license, which is required to ensure the safety of the passengers while on a flying car. Various aircraft pilots have a flying record, which is helpful to ensure the safety of the passengers. Thus, with the introduction of flying cars across the globe, the need for trained and experienced flying car drivers is expected to increase, thereby affecting the flying car demand in the initial phase. In addition, with the absence of no or less skilled flying car operators, the safety of passenger and flying car itself can be affected, which the flying car owner as well as government could not bear. Thus, implementation of stringent regulations for aviation license is expected to restrain the growth of the flying cars market during the forecast period.

Flying Car Market

By Seating Capacity

Four segment is projected as the most lucrative segments

Entering into agreements and contracts for long-term business opportunities

Commercial service providers of air passenger commute solutions, the ultra-rich population, and business executives are expected to create a demand for flying cars solutions, owing to increase in traffic congestion situations and changes in urban commute requirements. Moreover, flying cars in the initial phase are made to order product lines, which are mostly built in less units along with signed contracts and agreements. The commencement of the flying cars solution is expected to be carried out through contracts and agreements between end users and developers of flying cars. These contracts mention a set of requirements that must be met in a certain timeframe. These contracts and agreements are associated with long-term business opportunities with end users. Market participants need to focus on winning the contracts and agreements to gain a competitive advantage in the global market.

Flying Car Market

By Region

2035
Europe
North America
Asia-pacific
Lamea

Europe would exhibit the highest CAGR of 37.8% during 2026-2035.

Key Benefits For Stakeholders

- This study presents the analytical depiction of the global flying car market analysis along with the current trends and future estimations to depict imminent investment pockets.
- The overall flying car market opportunity is determined by understanding profitable trends to gain a stronger foothold.
- The report presents information related to key drivers, restraints, and opportunities of the market with a detailed impact analysis.
- The current market is quantitatively analyzed from 2025 to 2035 to benchmark the financial competency.
- Porter's five forces analysis illustrates the potency of the buyers and suppliers in the industry.

Key Market Segments

By Mode of Operation

- **Piloted**
- **Autonomous**

By End Use

- **Commercial & Professional Commute**
- **Personal Commute**

By Seating Capacity

- **One**
- **Two**
- **Four**
- **More than six**

By Region

- **North America**
 - **U.S.**
 - **Canada**
 - **Mexico**
- **Europe**
 - **UK**
 - **Germany**
 - **France**
 - **Spain**
 - **Rest of Europe**
- **Asia-Pacific**
 - **China**
 - **Japan**
 - **India**
 - **South Korea**
 - **Rest of Asia Pacific**
- **LATAM**
 - **Latin America**
 - **Middle East**
 - **Africa**

Key Players

- **AeroMobil**
- **Airbus S.A.S.**
- **Hyundai Motor Company**
- **Klein Vision s. r. o.**
- **Lilium**
- **PAL-V N.V.**
- **Samson Motors, Inc.**

Ola announces electric flying car AirPro, but there's a catch



New-age materials were used to create the car, including carbon fibre and titanium, all sustainably sourced from F1 cars in Germany,

considering Ola's track record, one should have expected it. The Ola founder, in a video shared on Twitter, announced the Ola AirPro. While it sounds like two MacBooks were mashed together, the company promised the one thing that everyone's looking forward -- flying cars.

Ola took it a step forward and created a website too, complete with details of the flying car.

The employees worked 24X7 towards the goal. Ola founder said that they have always wanted to revolutionise urban mobility forever and that they have finally done it now. He then introduces the "world's first and only fully autonomous electric flying car -- Ola AirPro".

Ola AirPro can vertically land and take off anytime, anywhere, stated the company. New-age materials were used to create the car, including carbon fibre and titanium, all sustainably sourced from F1 cars in Germany, fighter jets from the US

The battery, they said, "needs to be charged just once and it powers itself while it runs!" Together with the urban planning experts, the government and the "AirPolice" they built a network of "foldable landing pads". The terrace parking network is called the OlaHive, they said.

The flying car is safe, swerving out of the way of birds, planes, other Ola AirPros and even Superman. Also, you do not need any licence to fly the car!

While some seemed to believe "Superb, can I open the windows while up there? I'd love some fresh air

The Ola AirPro does have excellent "ground clearance" but nothing can beat the #MahindraThar in off-road adventures!"

Ola added that interested people can book their maiden test flight on olaairpro.com.

Top 10 payment processing companies in the world

With hundreds of services to choose from, how do you choose the payment processing company that's best for your business and your customer's experience? s top choices to help you find the right fit.

1. PayPal

For merchants who are looking for a low-volume payment processor, PayPal has proven to be a solid choice since it debuted in 1998. On top of having budget-friendly prices, PayPal operates in more than 200 countries and in 26 currencies and allows users to integrate PayPal checkout on their websites, process payments through a browser, app or reader and extend credit to customers.

2. Due

Due offers an end-to-end service that encompasses the entire billing and payment process for freelancers, small business owners and companies. Besides offering time tracking, project management and customized online invoicing options, the company recognizes that your business may cross the globe.

The invoicing and payment processing features include more than 100 languages, currencies and tax systems, as well as international credit card processing.

3. Stripe

There isn't such a thing as a "one-size-fits-all" payment processor for online retailers. However, Stripe gets awfully close, thanks to being a customizable payment solution.

Stripe was designed for developers who can then tinker with the company's APIs to create the product that best suits their needs. Stripe allows you to accept credit card, debit card and bitcoin payments from more than 130 different currencies. There's also flexible billing and a modest 2.9 percent + 30¢ per successful card charge.

4. Flagship Merchant Services

If your site gets a high volume of credit card transactions, then Flagship Merchant Services is arguably your best option. As an all-in-one credit

processor, the company offers low, flexible rates for businesses on a monthly basis, as opposed to signing a long contract.

Processing options include in-person, online and mobile credit card processing. Flagship also is known for its outstanding customer service and easy application process.

5. Payline Data

Payline Data is one of the most well-reviewed payment processors currently available. Besides giving merchants the chance to accept payments in-store, online and through a mobile app, Payline Data provides cash advances for merchants, customer insights, QuickBooks integration and an interchange-plus pricing structure that comes without a cancellation fee.

There's also top-notch customer service whenever you need assistance.

6. Square

Square gives you the power to accept payments wherever you are, thanks to innovative products like its magstripe reader, contactless + chip reader and stand that converts your mobile device into a one-of-a-kind payment processor.

Square is also customizable, which means that it has solutions for a wide range of businesses, including everything from restaurants to beauty professionals to transportation companies to professional services.

7. Adyen

Founded in 2006, **Adyen** is a global multichannel payment company based out of Amsterdam. The company allows users to accept and transfer money electronically in real time online, via mobile or in person.

Since this platform connects with some 250 payment methods in North America, Latin America, Europe and Asia, it's one of the leading processors for anyone involved in global commerce.

8. BitPay

BitPay, which was founded in 2011, is one of the largest bitcoin payment providers in the world. In fact, the company is responsible for more than \$1 million in transactions every day.

BitPay gives users the opportunity to convert bitcoin payments into their choice of nine currencies in 38 countries instantly to avoid volatility. The

company also has partnered with PayPal and Merchant Acquirers such as Global Payments and Altnet Systems.

9. GoCardless

GoCardless is headquartered in the UK and is an online direct debit provider. With GoCardless, users can not only accept payments through an easy setup, but they can also automate payments, track the status of a payment and integrate the service into their site with their REST API.

Best of all? GoCardless is cheaper than PayPal, with 1 percent capped at £2.

10. Cayan

Originally known as Merchant Warehouse, Cayan rebranded in 2015 to focus on features like online payments and point-of-sale purchases, as well as giving developers the chance to access NFC (near-field communication) and EMV (chip technology) payments through a flexible API (application programming interface).

The Boston-based payment processing company offers both tiered and interchange-plus pricing at a competitive rate and has a low monthly fee of \$4.95.



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The CRYPTO -based payment processing company offers best way to book your dream fly cab with zero processing fee .



Dronscoin is entrance to new edge payment gateway technology we are committed to offer the best to the dronscoin asset holder (ultimate crypto for aviation) at the catching eye to the world wide large group of industries it new kind of transportation which is very much need todays world.You can comply transportation revolution and dronscoin is key part of it

Dronscoin (BEP20)

Verifying Elliptic Curve Digital Signature with BINANCE Smart Contract

THE ULTIMATE GUIDE TO BEP-20 TOKENS & THEIR CREATION

TOKENS ARE AN INTEGRAL PART OF THE CRYPTOCURRENCY INDUSTRY. THEY ARE A KIND OF SMART CONTRACT THAT CAN BE SENT, RECEIVED, AND REPRESENT DIGITAL ASSETS WITH A VALUE. TOKENS BEING SMART CONTRACTS DO NOT HAVE ISSUES LIKE DOWNTIME, FRAUD, CENSORSHIP, OR THIRD-PARTY INTERFERENCE. THESE CONTRACTS RUN AS PER THEIR PROGRAMMING WITHOUT ANY HINDRANCES. THESE TOKENS ARE BASED ON AN UNDERLYING BLOCKCHAIN THAT PROVIDES THE VALUE, MOVES IT AROUND, AND HAS THE OWNERSHIP OF THE TOKENS. BEP-20 TOKENS ARE ONE OF THE FEW THAT HAVE RECENTLY TAKEN THE MARKET BY STORM AFTER IT WAS LAUNCHED.

IN THIS ARTICLE, WE WILL TALK ABOUT THE BEP-20 TOKEN IN DETAIL AND UNDERSTAND HOW IT DIFFERS FROM THE OTHER TOKENS IN THE MARKET.

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WHAT ARE BEP-20 TOKENS?

BEP-20 IS AN EXTENSION OF ERC-20, THE MOST POPULAR TOKEN STANDARD ON THE ETHEREUM BLOCKCHAIN. SIMILARLY, BEP-20 IS THE TOKEN STANDARD ON THE SMART CHAIN OF THE BINANCE PLATFORM AND WAS PRODUCED AS A TECHNICAL SPECIFICATION.

THE PRIMARY MOTTO BEHIND LAUNCHING THIS TOKEN WAS TO FACILITATE THE DEVELOPERS IN DEVELOPING SIMILAR TOKENS. THESE TOKENS CAN REPRESENT A COMPANY'S SHARES, THE AMOUNT STORED IN A BANK ACCOUNT, AND ANYTHING OF SIMILAR NATURE.

THE TRANSACTIONS DONE AND INCLUDED BY THE VALIDATORS ON BSC ARE INCENTIVIZED AND FACILITATED BY BNB.

HOW TO CREATE SIMILAR TOKENS ON THE BINANCE SMART CHAIN?

CREATING TOKENS SIMILAR TO BEP-20 ON THE BINANCE SMART CHAIN IS FAIRLY SIMPLE.

THE BASIC FUNCTIONALITIES OF THE TOKENS CAN BE MEASURED BY THE STANDARDS OF BEP-20. THE BASIC

FUNCTIONALITIES WILL INCLUDE —

- TRANSFERS
- BALANCE RETURNS
- TOKEN OWNERSHIP VIEW
- OTHERS.

THERE ARE MULTIPLE APPS AND SITES USED FOR THIS PURPOSE. HOWEVER, THE PROCESS IS SIMILAR FOR ALL:

- INSTALL THE APPLICATION — THESE ARE DECENTRALIZED APPLICATIONS OR DAPPS. SOME OF THE POPULAR APPLICATIONS THAT ALLOW YOU TO CREATE BSC TOKENS ARE METAMASK AND TRUSTWALLET.
- YOU MUST HAVE SOME BNB IN YOUR WALLET TO PAY FOR THE DEPLOYMENT OF THE CONTRACT.
- YOU HAVE TO ENTER THE DETAILS OF THE TOKEN YOU WANT TO CREATE — YOU NEED TO MENTION A TOKEN NAME AND A UNIQUE SYMBOL.
- THEN, DEPLOY THE TOKEN- IT WILL BE READY FOR USE!
- YOU CAN CREATE SPECIFIC TOKENS LIKE CAPPED TOKENS, MINTABLE TOKENS, AND ALSO BURNABLE ONES.

HERE ARE THE DETAILS ABOUT THE TOKENS THAT YOU CAN CREATE —

OWNER OF THE TOKEN: EVERY TOKEN YOU CREATE WILL HAVE AN OWNER WHO HAS THE AUTHORITY TO MINT NEW TOKENS AND STOP MINTING FURTHER TOKENS.

CAPPED BEP-20 TOKENS: BEFORE MINTING TOKENS, YOU MUST SPECIFY A LIMIT OR THE MAXIMUM NUMBER OF TOKENS YOU WANT TO MINT (CREATE). ONCE THAT NUMBER IS REACHED, YOU WON'T BE ABLE TO MINT MORE TOKENS.

BURNABLE BEP-20 TOKENS: YOU CAN EVEN DESTROY SOME OF THE TOKENS. THESE TOKENS CAN BE BURNT WHEN YOU NEED TO REDUCE THE NUMBER OF TOKENS IN THE MARKET.

MINTABLE BEP-20 TOKENS: MINT THE TOKENS WHICH YOU WANT TO GENERATE- YOU CAN DO SO UNTIL THE CAPPED TOKEN NUMBER IS REACHED.

BLACK-LISTING OF TOKENS: THE TOKENS CAN BE BLACK-LISTED AS WELL. THIS CAN HAPPEN WHEN THE TOKENS OR THE SITE GENERATING THE TOKENS ARE FOUND TO BE MALICIOUS.

BENEFITS OF BEP-20 TOKENS

NOW LET US SEE HOW CREATING YOUR BEP-20 TOKEN CAN HELP —

- IT IS A VERY FLEXIBLE PLATFORM THAT ALLOWS THE DEVELOPERS TO USE THIS TOKEN AS THE BLUEPRINT FOR DEVELOPING SIMILAR TOKENS.
- THIS TYPE OF TOKEN CAN REPRESENT MULTIPLE ASPECTS OF FINANCE AND OTHER INDUSTRIES. FOR INSTANCE, IT REPRESENTS CRYPTO ASSETS AND FIAT CURRENCIES.
- OTHER CRYPTOCURRENCIES CAN BE PEGGED ON THIS TOKEN FROM MULTIPLE BLOCKCHAINS.
- THE TOKEN CONTRACT IS MADE ON THE SMART CHAIN, WHICH IS ANOTHER EXCELLENT ASPECT OF THESE TOKENS.
- THE BINANCE SMART CHAIN'S VALIDATORS, WHO TRANSFER THE BEP-20 TOKENS, GAIN THE TRANSACTION FEE IN BNB. THIS IS SIMILAR TO BEP-2 TOKENS ON THE BINANCE CHAIN.
- THE DEVELOPERS CAN MAKE USE OF BOTH THE WORLDS — BINANCE SMART CHAIN AS WELL AS BINANCE CHAIN. WHILE THE FORMER PROVIDES SPEED, THE LATTER PROVIDES THE PLATFORM FOR DEVELOPING DECENTRALIZED APPLICATIONS WITHOUT PUTTING PRESSURE ON THE BINANCE NETWORK.
- WITH THE BINANCE CHAIN WALLET EXTENSION, SWAPPING THE BEP-20 TOKENS WITH BEP-2 TOKENS BECOMES EASY. THIS IS KNOWN AS CROSS-CHAIN COMPATIBILITY.

BEP-20 vs. ERC-20

BEP-20 AND ERC-20 ARE COMPATIBLE, AND THE FORMER IS AN EXTENSION OF THE LATTER.

HOWEVER, THERE ARE CERTAIN DIFFERENCES.

FOR EXAMPLE, THE BEP-20 TOKEN STANDARD IS FOR THE BINANCE SMART CHAIN, WHEREAS THE ERC-20 IS THE TOKEN STANDARD ON THE ETHEREUM CHAIN.

WHILE ERC-20 CAN BE USED AS A BLUEPRINT FOR ANY TOKEN GENERATED ON THE ETHEREUM BLOCKCHAIN, THE BEP-20 CAN ONLY GENERATE SIMILAR TOKENS LIKE BEP-20 ON THE BINANCE SMART CHAIN.

MULTIPLE WALLETS AND SITES SUPPORT THE MINTING OF ERC-20, WHILE ONLY A HANDFUL OF SUCH SITES ALLOW THE MINTING OF BEP-20.

AN IN-DEPTH GUIDE TO THE BINANCE SMART CHAIN (BSC)

SMART CHAIN IS THE NEW RAVE IN THE CRYPTO WORLD, ESPECIALLY AFTER BINANCE INTRODUCED THEIR BINANCE SMART CHAIN IN 2020. THESE SMART CHAINS PROVIDE EXCEPTIONAL BLOCKCHAIN FACILITIES IN A CONSTANT EFFORT TO MAKE THE DeFi ECOSYSTEM THRIVE AND BECOME MORE EFFICIENT.

READ ON AS WE DISCUSS THE DIFFERENT ASPECTS OF THE BINANCE SMART CHAIN (BSC) AND HOW IT FUNCTIONS.

WHAT IS THE BINANCE SMART CHAIN?

THE BINANCE SMART CHAIN IS DEVELOPED AS A PARALLEL CHAIN TO THE EXISTING BINANCE CHAIN AND IS A SMART-CONTRACT-ENABLED BLOCKCHAIN.

IT WAS CREATED TO BE COMPATIBLE WITH THE ETHEREUM VIRTUAL MACHINE, TO FACILITATE THE DEVELOPERS TO EASILY USE THE DECENTRALIZED APPLICATIONS BUILT WITH THE ETHEREUM BLOCKCHAIN AND USE THEM ON THE NEW BLOCKCHAIN OF BINANCE.

IT ALSO ALLOWS PEGGED-COINS CREATION AND CROSS-CHAIN TRANSFERS. THE TOKENS WHICH CAN BE PEGGED INCLUDE BTC, TRX, ETH, AND OTHERS. THESE PEGGED COINS ACT LIKE THE BEP-20 TOKENS ON THIS SMART CHAIN, SIMILAR TO THE ERC-20 TOKEN ON THE ETHEREUM SMART CHAIN.

DESIGN PRINCIPLES OF BINANCE SMART CHAIN

- **COMPATIBILITY WITH ETHEREUM:** THIS SMART CHAIN IS ENTIRELY COMPATIBLE WITH ETHEREUM, THE MOST EFFICIENT AND POPULAR SMART CONTRACT PLATFORM. BSC IS CREATED IN A WAY THAT IS COMPATIBLE WITH THE MAINNET OF ETHEREUM. SINCE THE DECENTRALIZED APPS ARE MOSTLY BUILT ON THE ETHEREUM PLATFORM, THEY WILL ALSO WORK ON THE BSC PLATFORM AND THE OTHER ECOSYSTEM COMPONENTS, TOOLING, ETC. IN MOST CASES, THERE IS NO NEED FOR ANY CHANGES TO MAKE THEM WORK ON BSC.
- **INDIVIDUAL BLOCKCHAIN:** THIS BLOCKCHAIN IS A STAND-ALONE WITH NO LAYER 2 SOLUTION. THUS, MOST OF THE FUNDAMENTAL TECHNIQUES OF BSC NEED TO BE SELF-DEPENDENT AND OPERABLE EVEN WITHOUT BINANCE CHAIN.
- **FASTER AND MORE EFFICIENT:** THIS NEW SMART CHAIN BY BINANCE HAS A STAKING FACILITY THAT FACILITATES CONSENSUS AND PROVIDES MULTIPLE OPTIONS TO THE COMMUNITY GOVERNANCE. THIS, IN TURN, LEADS TO BETTER PERFORMANCE IN TERMS OF A NETWORK AND CAN ALSO REDUCE THE BLOCKING TIME AND INCREASE THE NUMBER OF TRANSACTIONS WITHIN THE SAME DURATION.

- **COMMUNICATION PROTOCOL: THE TWO BLOCKCHAINS HAVE NATIVE SUPPORT FOR CROSS-CHAIN COMMUNICATIONS. A BI-DIRECTIONAL, TRUST-LESS, AND DECENTRALIZED PROTOCOL FOR COMMUNICATION HAS BEEN SET UP FOR THE BSC.**

OBJECTIVES OF BSC

- **REDUCTION IN THE TIME TAKEN FOR BLOCK GENERATION**
- **TRANSACTIONS ARE CONFIRMED WITHIN A VERY SHORT TIME LIMIT**
- **THE GAS FEE IS USED TO COLLECT THE REWARDS FOR BLOCK GENERATION AND PAID IN BNB**
- **BSC IS MADE TO INCORPORATE MOST OF THE THINGS RUNNING ON ETHEREUM**
- **WITH AN ADVANCED STAKING FACILITY AND NETWORK GOVERNANCE, IT PROVIDES EXCEPTIONAL FACILITIES**

HOW DOES THE BINANCE SMART CHAIN WORK?

THE BINANCE SMART CHAIN HAS INCORPORATED PROOF OF STAKED AUTHORITY (POSA), WHICH HELPS THE BLOCKCHAIN CREATE BLOCKS IN THE BLINK OF AN EYE.

THE PARTICIPANTS CAN STAKE BNB AND BECOME VALIDATORS. THE BLOCK THEY PROPOSE NEEDS TO BE VALID TO RECEIVE THE TRANSACTION FEES. THESE TRANSACTION FEES ARE GENERATED FROM THE TRANSACTIONS INSIDE THE PROPOSED BLOCKCHAIN.

SINCE THERE IS NO INFLATION IN BNB, THERE IS NO BLOCK SUBSIDY AS WELL IN THE FORM OF NEWLY MINTED BNB OR SAME. HOWEVER, DUE TO THE DAILY COIN BURN CONDUCTED BY THE BINANCE TEAM, THE NUMBER OF BNB IS DECREASING OVER TIME.

TO START WITH THE BINANCE SMART CHAIN, YOU MUST HAVE THE WALLETS LINKED TO THE PLATFORM. THE WIDELY-USED WALLET IS METAMASK. YOU CAN USE THIS ETHEREUM WALLET WITHOUT DIFFICULTIES, AS IT IS SUPER COMPATIBLE WITH THE BSC INTERFACE.

OTHER REPUTABLE, TRUST-WORTHY OPTIONS ARE LISTED BELOW:

- **TRUST WALLET**
- **BINANCE CHAIN WALLET**
- **MATH WALLET**
- **TOKENPOCKET**
- **SAFEPAL**

BSC IS MADE TO TARGET THE DeFi SPACE, WITH HIGH FLEXIBILITY TO INCORPORATE THE DECENTRALIZED APPLICATIONS IN THE FINANCIAL ARENA.

DeFi APPLICATIONS RUNNING ON OTHER PLATFORMS, ESPECIALLY ETHEREUM, ARE FULLY COMPATIBLE WITH BSC. THIS ALSO HELPS THE USERS BE INVOLVED IN YIELD FARMING, USE PROPOSALS, VOTES, AND EXCHANGE ASSETS EASILY.

BINANCE CHAIN AND BINANCE SMART CHAIN

THE DUAL CHAIN STRUCTURE AND THE CROSS-CHAIN COMMUNICATION IS CONDUCTIVE IN SEVERAL WAYS –

- THE USERS CAN CREATE ANY FINANCIAL PRODUCTS OR VIRTUAL ASSETS AND TOKENS ON THIS PLATFORM
- YOU CAN, MANUALLY OR WITH AUTOMATION, TRADE THE ITEMS CREATED ON BSC IN THE BINANCE CHAIN PLATFORM. THE LATTER IS A HIGHLY STABLE, FAST, AND USER-FRIENDLY PLATFORM.
- ONE CAN USE A SINGLE TOOLING SYSTEM AND UI TO OPERATE BOTH BINANCE SMART CHAIN AND BINANCE CHAIN.

BINANCE SMART CHAIN METRICS

THERE ARE A TOTAL OF SIX BINANCE SMART CHAIN METRICS, WHICH ARE –

- **AVERAGE GAS PRICE:** THIS METRIC IS FOR UNDERSTANDING AND OBSERVING THE AVERAGE GAS PRICE FOR TRANSACTIONS HAPPENING ON THE BSC PLATFORM. THE CHARGES OF THE BSC PLATFORM ARE PRETTY LOW. FOR INSTANCE, 1 GWEI EQUALS ONLY 0.000000001 BNB. THE AVERAGE GAS PRICE ON BSC IS AROUND 20 GWEI. SO, IF YOU SEND 10 BNB WORTH \$300, THE TRANSACTION COST WOULD BE \$0.01, WHICH IS VERY REASONABLE.
- **DAILY TRANSACTIONS:** THIS IS ONE OF THE MOST VALUABLE METRICS ON BSC, WHICH SHOWS THE NUMBER OF TRANSACTIONS THAT TAKE PLACE ON THE BINANCE SMART CHAIN ON A PARTICULAR DAY. THIS HELPS YOU UNDERSTAND THE NETWORK ACTIVITY RANGE. THERE IS ALSO A FEATURE CALLED BscSCAN, WHICH HELPS YOU FIND THE DAY WITH THE HIGHEST NUMBER OF TRANSACTIONS.
- **VALIDATORS:** THIS IS THE PRIMARY METRIC THAT VALIDATES THE BLOCKS PROPOSED TO THE PLATFORM BY USERS. THE USERS GET THE TRANSACTION FEES IF THE BLOCKS ARE VALID, KEEPING THE PLATFORM OPERABLE. THERE IS A LEADERBOARD OPTION WHERE YOU CAN SEE THE TOP VALIDATORS WITH THE HIGHEST NUMBERS OF VALID BLOCKS.
- **YIELD FARMS:** **YIELD FARMING**, COMMONLY KNOWN AS LIQUIDITY MINING, IS THE MOST COMMON USE OF THESE PLATFORMS. ON BINANCE SMART CHAIN, YOU CAN GENERATE YIELD BY USING CERTAIN PLATFORMS' PREVIOUS HOLDINGS OF DIGITAL ASSETS. THE METRIC INCLUDES THE BscSCAN YIELD FARMING DASHBOARD, WHICH HAS ALL THE DETAILS RELATED TO THE YIELD FARMING OPPORTUNITIES IN THE CURRENT MARKET. YOU CAN GET INFORMATION ABOUT HOW YIELD FARMING IS DONE ON SPECIFIC WEBSITES.
- **UNIQUE ADDRESS COUNT:** THIS METRIC IS FOR FINDING OUT THE NETWORK'S GROWTH. IT IS TO DETERMINE HOW MANY UNIQUE USERS ARE ACTIVE ON THE PLATFORM. HOWEVER, THERE IS A DRAWBACK. A SINGLE USER CAN HAVE MULTIPLE UNIQUE ADDRESSES WHICH HE USES FOR MINING, AND THEN THIS METRIC WON'T GIVE YOU THE EXACT COUNT.
- **TOKEN TRACKER:** THIS METRIC HELPS YOU MONITOR THE TOP BEP-20 TOKENS BY USING THE MARKET CAPITALIZATION AND TRADING VOLUME DAILY. THIS WILL HELP YOU UNDERSTAND WHICH TOKENS ARE HIGHLY TRADED OR HAVE THE HIGHEST CUMULATIVE VALUE ON THIS PLATFORM.

CONCLUSION

BINANCE SMART CHAIN IS THE NEW-AGE PLATFORM FOR ALL YOUR DECENTRALIZED FINANCE APPLICATIONS THAT RUN ON ETHEREUM.

THIS PLATFORM IS UNIQUE IN ITSELF, WITH MULTIPLE METRICS THAT ARE HIGHLY USEFUL AND WITH THE LOWEST TRANSACTION FEES. BINANCE SMART CHAIN, ALONG WITH BINANCE CHAIN, IS A DUAL CHAIN PLATFORM WHICH IS ANOTHER RARE THING TO FIND IN THE CRYPTO ARENA TO DATE. EVERYTHING ON THIS PLATFORM'S DESIGN PROTOCOLS FOR COMMUNICATIONS ARE HIGHLY EFFICIENT AND EFFECTIVE.

THE BEGINNER'S GUIDE TO ALTCOINS: HOW, WHAT, WHERE AND WHY!

THE WORLD OF CRYPTO AND CRYPTO-BASED PROJECTS SEEM TO BE IN CONSTANT FLUX. IDEAS BECOME TRENDS, SOME OF WHICH EVOLVE INTO YET NEWER CONCEPTS. MANY ARE STILL-BORN TECH AND NEVER GET THE MOMENTUM NEEDED TO GET OFF THE GROUND. HOWEVER, THERE ARE A FEW CONCEPTS THAT EVOLVE AND STICK- GARNERING MASSIVE ATTENTION AND POPULARITY.

ALTCOINS AND TOKENS ARE CRYPTOCURRENCY TERMS CREATED AFTER BITCOIN'S DEVELOPMENT IN 2009. THE FIRST-EVER ALTCOIN WAS 'NAMECOIN' WHICH WAS INTRODUCED TO THE WORLD IN 2011 FOR A SHORT PERIOD AND WAS THE ONLY ALTERNATIVE TO BITCOIN BACK THEN. SOON AFTER, SEVERAL COINS WERE INTRODUCED AS ALTERNATIVES TO BITCOIN TO PROVIDE IMPROVED SECURITY

AND PRIVACY AND PERHAPS TACKLE THE SHORTCOMINGS OF THE KING CRYPTO THROUGH DIFFERENT APPROACHES.

TO DATE, MANY INVESTORS AND CRYPTO ENTHUSIASTS DO NOT WHOLLY UNDERSTAND THE IDEOLOGY BEHIND THIS CONCEPT- WHAT THEY ARE AND HOW THEY WORK.

READ ON AS COINPEDIA BRINGS YOU A DETAILED GUIDE TO UNDERSTANDING ALTCOINS AND TOKENS. LET'S DIVE IN.

WHAT ARE ALTCOINS?

ALTCOINS ARE THE CRYPTOCURRENCIES THAT STAND FOR "ALTERNATIVE COINS". THEREFORE, ANY COIN OTHER THAN BITCOIN IS REFERRED TO AS ALTCOINS.

IN OTHER WORDS, THE DIGITS ASSETS PROVIDING ALTERNATE SOLUTIONS TO THE CRYPTO INDUSTRY ARE KNOWN AS ALTCOINS.

ALTCOINS ALSO WORK ON BLOCKCHAIN TECHNOLOGY AS BITCOIN. A BLOCKCHAIN IS A DECENTRALIZED, DIGITAL, AND DISTRIBUTED LEDGER THAT WORKS AS A SECURE DATABASE. THE DATA, ONCE STORED HERE, IS IMPOSSIBLE TO TAMPER WITH.

EACH ALTCOIN IS UNIQUE AND BETTER THAN ITS COUNTERPART IN TRANSACTION SPEED, PROCESSING FEE, AND MINING COST.

SOME STRONG EXAMPLES OF ALTCOINS CAN BE ETHEREUM, LITECOIN, RIPPLE, AND MANY OTHERS.

THOUGH THE CONCEPT MIGHT BE SIMILAR TO BITCOIN, BUT THESE TOKENS DO HAVE THEIR CHARACTERISTICS AND DEFINING QUALITIES. ALTCOINS ARE CLASSIFIED DEPENDING ON THEIR FUNCTIONS AND MECHANISMS.

TYPES OF ALTCOINS

MINING-BASED

ALTCOINS ARE DIVIDED INTO TWO CATEGORIES BASED ON MINING:

1. **PROOF-OF-WORK ALTCOINS:** PROOF-OF-WORK CRYPTOCURRENCIES ARE CREATED BY SOLVING CHALLENGING MATHEMATICAL PROBLEMS.
2. **PRE-MINED ALTCOINS:** THE COINS THAT AREN'T CREATED BY AN ALGORITHM QUERY ARE KNOWN AS PRE-MINED COINS. THEY ARE FREQUENTLY INCLUDED IN AN INITIAL COIN OFFERING AND ARE DISTRIBUTED BEFORE BEING LISTED ON CRYPTOCURRENCY EXCHANGES.

STABLECOINS

STABLECOINS, AS THE NAME IMPLIES, ARE STABLE IN NATURE. THESE COINS REDUCE VALUE VOLATILITY BY TYING THEIR VALUE TO A BASKET OF GOODS LIKE FIAT CURRENCY, PRECIOUS METALS, OR OTHER CRYPTOCURRENCIES.

SECURITY TOKENS

SECURITY TOKENS ARE SIMILAR TO TRADITIONAL EQUITIES. THEY OFTEN PROVIDE HOLDERS EQUITY IN THE FORM OF OWNERSHIP OR A DIVIDEND DISTRIBUTION. THIS TYPE OF OWNERSHIP INCENTIVIZES INVESTORS TO PUT THEIR MONEY INTO IT.

UTILITY TOKENS

WITHIN A NETWORK, UTILITY TOKENS ARE UTILIZED TO DELIVER SERVICES. FOR EXAMPLE, THEY COULD BE USED TO BUY SERVICES, PAY NETWORK COSTS, OR REDEEM PRIZES.

MEMECOIN

MEME COINS ARE BASED ON A JOKE OR A WITTY IMITATION OF POPULAR CRYPTOCURRENCIES. THEY USUALLY GAIN POPULARITY IN A SHORT PERIOD OF TIME, BOOSTED FURTHER BY RENOWNED CRYPTO INFLUENCERS.

HOW DO ALTCOINS WORK?

ALTCOINS FUNCTION IN A SIMILAR WAY TO BITCOIN. WHENEVER A REQUEST FOR A TRANSACTION ON THE BLOCKCHAIN IS MADE, A BLOCK IS CREATED.

A TECHNIQUE KNOWN AS MINING IS USED TO PROCESS THE TRANSACTION BLOCK.

MOST MINING-BASED CRYPTOCURRENCIES USE PROOF-OF-WORK (POW) TO CONNECT TO THE BLOCKCHAIN NETWORK.

FOR SECURITY VERIFICATION, THE BLOCK IS SENT ACROSS NUMEROUS NODES (MINERS). FOR THE BLOCK TO BE VALIDATED, MINERS MUST SOLVE COMPLICATED MATHEMATICAL CALCULATIONS.

MINERS ARE COMPENSATED IN CRYPTOCURRENCIES SUCH AS ETH, SOL, AND OTHERS AS “EVIDENCE” OF THE PROOF-OF-WORK ACCOMPLISHED. THE TRANSACTION IS PERFORMED WHILE THE AUTHORIZED BLOCK IS TRANSMITTED TO JOIN THE CHAIN OF BLOCKS.

THE GOAL OF MINING IS TO SLOW DOWN COIN GENERATION AND ENSURE THAT EACH TRANSACTION REQUEST IS PROCESSED SAFELY AND CORRECTLY.

NOTE: A PRIVATE KEY IS USED TO MOVE MONEY FROM ONE DIGITAL WALLET TO ANOTHER, AND A BLOCKCHAIN SERVES AS A PERMANENT RECORD OF THE TRANSACTION THAT CANNOT BE CHANGED.

DIFFERENCE BETWEEN ALTCOIN AND BITCOIN

BITCOIN AND ALTCOINS DIFFER IN NUMEROUS ASPECTS, EVEN THOUGH THEY ARE VERY SIMILAR AND OPERATE SIMULTANEOUSLY.

BITCOIN TAKES 10 MINUTES TO PRODUCE A COIN. IN CONTRAST, ALTCOINS LIKE LITECOIN CAN GENERATE COINS EVERY 2.5 MINUTES.

PROOF-OF-WORK – THE TECHNIQUE USED TO CONSTRUCT CRYPTO BLOCKS – USES A LOT OF ENERGY, IS INTENSIVE AND LIMITING, AND IMPLEMENTING AND USING BITCOIN IS QUITE TRICKY.

ON THE OTHER HAND, SOME OF THE ALTCOINS HAVE GONE BEYOND THIS. INSTEAD, THEY EMPLOY THE PROOF-OF-STAKE SYSTEM TO ACQUIRE A COMPETITIVE ADVANTAGE, WHICH SAVES ENERGY AND SHORTENS THE TIME IT TAKES TO VALIDATE A TRANSACTION. FURTHERMORE, THE SMART CONTRACT POSSIBILITIES OF BITCOIN ARE SEVERELY LIMITED.

ALTCOINS ARE IMPROVISED BITCOIN VERSIONS. THE COINS ARE USUALLY CREATED TO ADDRESS ISSUES WITH THE BITCOIN ARCHITECTURE, SUCH AS MINING COSTS, SPEED, AND OTHER ASPECTS.

ALTCOINS WERE CREATED TO LEVERAGE BITCOIN’S SUCCESS BY TWEAKING THE RULES TO APPEAL TO VARIOUS USERS.

A FAMOUS ALTCOIN ETHEREUM, THE SECOND-LARGEST CRYPTOCURRENCY BY MARKET CAPITALIZATION, FOR EXAMPLE, PIONEERED THE CONCEPT OF “SMART CONTRACTS.”

THESE SMART CONTRACTS ARE COMPUTER PROGRAMS THAT ONLY OPERATE WHEN SPECIFIC CRITERIA ARE MET. THEY USE BLOCKCHAIN TECHNOLOGY TO EXECUTE AGREEMENTS BETWEEN TWO PARTIES, ALLOWING FOR THE DEVELOPMENT OF NEW CRYPTO APPLICATIONS.

ALTCOINS OFFER UNIQUE FEATURES LIKE GOVERNANCE, SMART CONTRACTS, AND INTEROPERABILITY.

HOW AND WHY WERE ALTCOINS CREATED?

BITCOIN'S SKYROCKETING PRICE AND PROCESSING TIME TO COMPLETE TRANSACTIONS MADE PEOPLE LOOK FOR AN ALTERNATIVE- LIMITED CIRCULATION RESTRICTED TO 21 MN CAN BE ONE OF THE REASONS FOR THIS.

MOST ALTCOINS ARE BUILT TO COMPETE WITH BITCOIN, CLAIMING TO PROVIDE SUPERIOR PRIVACY, DECENTRALIZATION, OR FOCUSING ON SOMETHING THAT BITCOIN CANNOT.

THERE ARE NEARLY 10,000 ALTCOINS PRESENTLY. IT IS SIMPLE TO CREATE A COIN DUE TO HOW STRAIGHTFORWARD AND SIMPLE THE PROCESS IS.

THE KEY ATTRACTION IS THAT ALTCOINS ARE TYPICALLY FAR LESS EXPENSIVE THAN BITCOIN AND ARE APPEALING BECAUSE THEY "HAVE MORE ROOM TO GROW."

THINGS TO CONSIDER BEFORE BUYING ALTCOIN

1. DO SOME RESEARCH.

IT IS THE INITIAL STEP FOR ANYONE INTERESTED IN INVESTING IN ALTCOINS. TAKE YOUR TIME AND LEARN EVERYTHING YOU CAN ABOUT THE ALTCOIN YOU'RE CONSIDERING.

2. ALTCOIN'S HISTORY

EVERY CURRENCY YOU INTEND TO BUY SHOULD HAVE A PROVEN TRACK RECORD. FOR EXAMPLE, ONE OF THE REASONS ETHEREUM IS TRUSTED IS DUE TO THE REPUTATION IT HAS BUILT THROUGH TIME BASED ON ITS PAST. HISTORY HAS ALWAYS BROUGHT WITH IT A SENSE OF TRUSTWORTHINESS.

3. UNCERTAINTY AND ALTCOINS

ALWAYS KEEP IN MIND THAT THERE IS LITTLE OR NO ASSURANCE WITH ALTCOINS TO SOME EXTENT. MANY OF THEM MAY SHOW UP HERE TODAY AND DISAPPEAR TOMORROW. THERE ARE CURRENTLY OVER A THOUSAND CRYPTOCURRENCIES VYING FOR YOUR ATTENTION. BEFORE PURCHASING ANY ALTCOIN, YOU MUST BE CONFIDENT THAT YOU ARE PREPARED TO FACE THE CHALLENGES AHEAD.

4. WHY ARE YOU PUTTING MONEY INTO IT?

AS A POTENTIAL INVESTOR, YOU SHOULD ASK YOURSELF THIS QUESTION. SO, WHAT EXACTLY DO YOU HAVE IN MIND? ARE YOU SEEKING A QUICK WAY TO GET RICH, OR DO YOU HAVE A LONG-TERM STRATEGY IN MIND?

IF YOU FALL INTO THE FIRST CATEGORY, YOU SHOULD LOOK FOR OTHER WAYS TO INVEST YOUR MONEY. IT'S BECAUSE MOST CRYPTOCURRENCIES TAKE A LONG TIME TO GAIN TRACTION IN PREPARATION FOR A PUMP.

ARE ALTCOINS GOOD INVESTMENTS?

ALTCOINS ARE A SUBSTITUTE FOR BITCOIN AS EVERYONE CANNOT AFFORD TO BUY BTC.

CRYPTOCURRENCY TRADING IS SIMILAR TO STOCK TRADING IN THE WAY THAT A WELL-DIVERSIFIED PORTFOLIO ALWAYS WINS. THAT MEANS THAT EVEN IF BITCOIN SUFFERS A SETBACK, THE RISKS AND REWARDS CAN BE BALANCED BY OTHERS.

ALTCOINS ARE STEADILY CATCHING UP WITH THE LATEST MARKET ACTION AND PROVIDE ONE THE CHANCE TO BE A PART OF THIS MOVEMENT. THE CRYPTO SPACE SHOULD BE OPEN FOR ALL, NOT JUST BITCOIN HOLDERS.

ALTCOINS ARE SMART INVESTMENTS SINCE THEIR POTENTIAL RETURNS ARE BETTER THAN THE STANDARD EQUITIES AND BONDS. HOWEVER, LIKE WITH ANY INVESTMENT, YOU MUST UNDERSTAND ALL ASPECTS OF YOUR INVESTMENT BEFORE DECIDING IF IT IS GOOD FOR YOU. IF YOU DETERMINE THAT INVESTING IN ALTCOINS IS CORRECT FOR YOU, MAKE SURE YOU DO YOUR RESEARCH ON ANYTHING YOU'LL BE INVESTING IN.

WHAT IS THE ALTCOIN SEASON?

ALTCOIN SEASON, ALSO KNOWN AS ALT SEASON, IS A TYPE OF CRYPTOCURRENCY MARKET CYCLE IN WHICH ALTCOIN VALUES CLIMB RAPIDLY. THIS PRICE SHIFT CAN OCCUR WITH OR WITHOUT THE EFFECT OF BITCOIN'S DOLLAR VALUE.

DURING THIS MARKET TIME, THE PRICE SUCCESS OF ALTCOINS FREQUENTLY EXCEEDS THAT OF BITCOIN. AS A RESULT, ALTCOIN PRICES ARE USUALLY EITHER STABLE OR VERY SLOW-MOVING. HOWEVER, NOW AND THEN, THE VALUE OF ALL ALTCOINS MIGHT SKYROCKET IN SECONDS.

CONCLUSION

A DIVERSIFIED PORTFOLIO ALWAYS WINS. IF YOU'RE SOMEONE THAT KNOWS AND UNDERSTANDS CRYPTOCURRENCIES AND PARTS A "PIECE OF THE PIE", ALTCOINS ARE THE PERFECT WAY TO GO, ESPECIALLY TO BUY ASSETS FOR A REASONABLE AMOUNT. DO YOUR RESEARCH ON THE COIN AND SEEK OUT THE VIEWS OF POPULAR ANALYSTS IN ORDER TO MAKE A WELL-THOUGHT-OUT DECISION.

UNDERSTAND BLOCKCHAIN !

TECHNOLOGY IS DEVOTED TO CREATING TOOLS AND PROCESS ACTIONS; THE BEAUTY IS THAT IT ONLY IMPROVES WITH TIME.

IN THIS ARTICLE, WE FOCUS ON THE FUTURE OF BLOCKCHAIN TECHNOLOGY AND ITS IMPORTANCE IN THE DIGITAL WORLD. BITCOIN AND CRYPTO ARE BUZZWORDS THAT WE HAVE HEARD REPEATEDLY OVER THE LAST FEW YEARS. WHILE NOT EVERYONE MAY WISH TO PARTICIPATE IN IT ACTIVELY, IT'S ESSENTIAL TO BE AWARE OF THE TECHNOLOGY BEHIND IT. THAT'S PRECISELY WHAT COINPEDIA IS GOING TO HELP YOU WITH.

READ ON AS WE DIVE INTO THE BASICS OF BLOCKCHAIN TECHNOLOGY FOR A CRYSTAL CLEAR UNDERSTANDING.

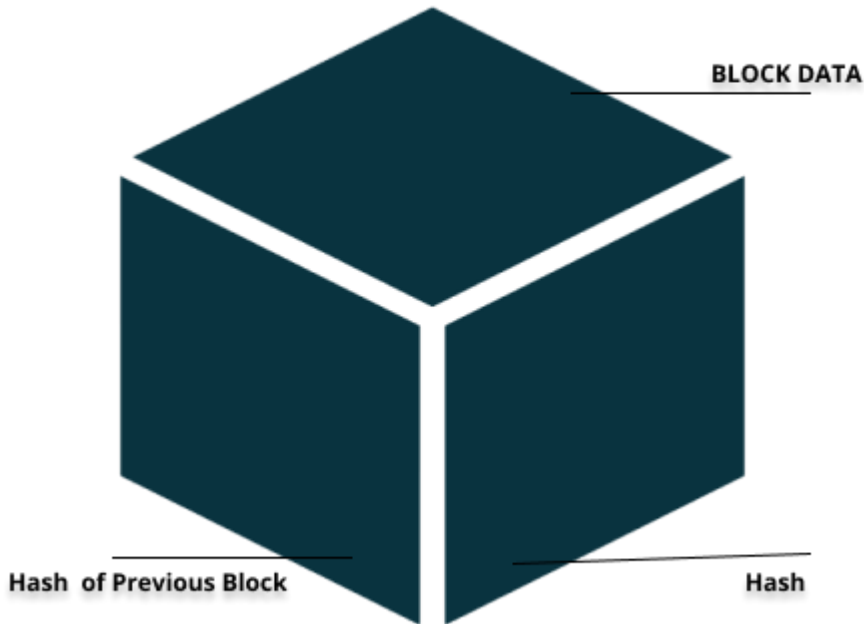
REMOVING THE MIDDLE MAN

BOOMING INDUSTRIES LIKE FINTECH, REAL ESTATE, SUPPLY CHAIN MANAGEMENT, HEALTHCARE, ADVERTISING, AND MANY MORE ARE ALL ON THE SAME BOAT, FIGHTING TO STAY AFLOAT AS THEY TACKLE BURDENS OF COST, SPEED, VISIBILITY, CUSTOMER NEEDS, SECURITY, AND PAYMENT METHODS.

THE ALL-IN-ONE SOLUTION FOR THIS IS BLOCKCHAIN TECHNOLOGY.

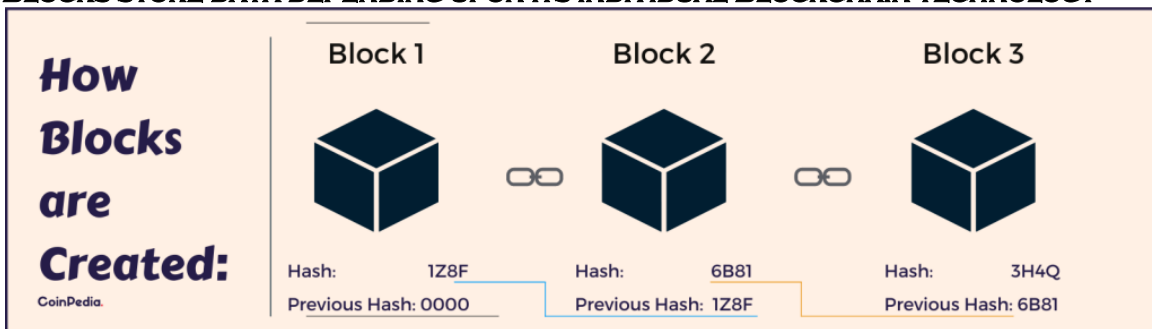
PREVIOUSLY, THERE HAS ALWAYS BEEN A MIDDLE MAN BETWEEN SENDER AND RECEIVER, WHICH ALLOWED THE MEDIATOR TO MISGUIDE THE CUSTOMERS AND CHARGE MORE FEES THAN REQUIRED. BLOCKCHAIN REMOVES THE NEED FOR MEDIATORS, AND THE TRANSACTIONS ARE CARRIED OUT DIRECTLY BY THE SENDER AND RECEIVER. IT ALSO TACKLES THE ISSUES OF SLOW TRANSACTIONS, DATA PRIVACY, MONEY LAUNDERING, AND DATA MANIPULATION. SO, WHAT EXACTLY IS THIS TECHNOLOGY THAT ACTS AS A KNIGHT IN SHINING ARMOR? HOW DOES IT WORK? READ ON.

HOW DOES THE BLOCKCHAIN WORK?



BLOCKCHAIN IS AN EMERGING TECHNOLOGY THAT IS SIMPLY A DECENTRALIZED AND DISTRIBUTED SECURE DATABASE. THIS CONSISTS OF A STRING OF BLOCKS, WHERE EACH BLOCK CONSISTS OF RECORDED DATA AND A UNIQUE IDENTIFIER CALLED THE HASH.

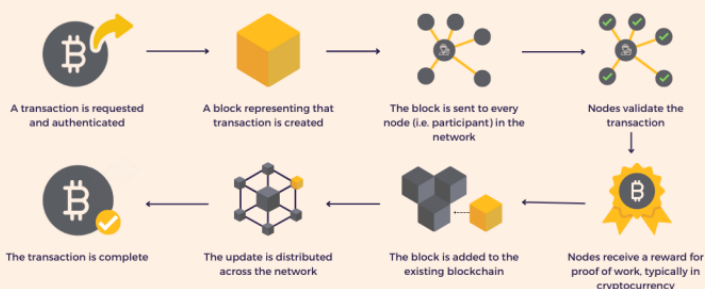
BLOCKS STORE DATA DEPENDING UPON ITS INDIVIDUAL BLOCKCHAIN TECHNOLOGY



- **WHENEVER THE TRANSACTION IS REQUESTED, THE BLOCK IS CREATED TO REPRESENT THE TRANSACTION. THIS BLOCK IS SENT TO EVERY NODE(MINER) IN THE DISTRIBUTED NETWORK**
- **THE NODES PLAY A VITAL ROLE IN VALIDATING THE BLOCK WHERE THE NODES HAVE TO COMPARE THIS BLOCK'S HASH WITH THE BLOCK OF THE PREVIOUS HASH**
- **THE FIRST BLOCK IS EXCEPTIONAL; ITS HASH IS KNOWN AS THE GENESIS BLOCK**
- **IF SOMEONE TRIES TO TAMPER WITH ANY BLOCK, IT, IN TURN, TAMPERS AND MESSES UP WITH HASH. THE MINERS TRACE THIS BLOCK, AND HENCE IT IS REJECTED**
- **THE SECURITY IN THE BLOCKCHAIN COMES WITH PROOF-OF-WORK(POW) AND HASHING MECHANISMS. EACH NODE VERIFIES THE BLOCK AND ENSURES THE BLOCK ISN'T TAMPERED WITH, AND ADDS UP THIS BLOCK TO THEIR OWN BLOCKCHAIN KNOWN AS POW**
- **THE NODES ARE AWARDED THE MINING REWARD FOR PROOF-OF-WORK, AND HENCE THE TRANSACTION IS COMPLETED**

How does a Blockchain Work ?

CoinPedia.



LET'S CONSIDER THE REAL-LIFE EXAMPLES OF BLOCKCHAIN

UNDENIABLY "BITCOIN" IS THE GREATEST AND FIRST EXAMPLE TO BE CONSIDERED IN THE WORLD OF CRYPTOCURRENCY AND BLOCKCHAIN ACCEPTANCE.

HOWEVER, THERE ARE OTHER EXAMPLES AND SUCCESS STORIES. PROPY, A REAL ESTATE COMPANY, SUPPLY CHAINS IBM AND WALMART, HEALTHCARE PROJECTS LIKE MEDREC, MOBILE PAYMENT SUCH AS RIPPLE, DIGITAL CURRENCY GROUP HELPING IN AMAZON WEB SERVICES, AND MANY MORE HAVE ACCEPTED THE BLOCKCHAIN TECHNOLOGY FOR ITS FAST AND SECURED PERFORMANCE.

BLOCKCHAIN TERMINOLOGIES

- **NODE:** IT IS ANY COMPUTER THAT TAKES PART IN THE BLOCKCHAIN NETWORK. THE NODES ARE CONNECTED TO OTHER NODES DIRECTLY OR INDIRECTLY. EVERY NODE ON THE NETWORK HAS A COPY OF ALL THE TRANSACTIONS OR OPERATIONS.
- **ADDRESS:** AN ADDRESS IS A STRING OF ALPHANUMERIC CHARACTERS WHICH IS USED AS THE IDENTIFIER TO SEND AND RECEIVE CRYPTOCURRENCY TRANSACTIONS. FOR EXAMPLE, THE WALLET ADDRESS CAN BE **K1Uf232Y5ggMLKc7z9AQRGgX9Z5VJOKJ5GfS66sfc6Y57ki8**
- **BLOCK:** A BLOCK STORES DATA OF EVERY TRANSACTION AND HOLDS THE UNIQUE HASH KEY AND THE HASH KEY OF THE PREVIOUS BLOCK. CONSEQUENTLY, STORING THE HASH OF THE PREVIOUS BLOCK CONNECTS TWO BLOCKS, AND THE CHAIN OF BLOCKS IS CREATED, KNOWN AS A "BLOCKCHAIN."
- **BLOCK HEIGHT:** AFTER THE FIRST BLOCK KNOWN AS THE GENESIS BLOCK IS CREATED, THE PROCESS OF ADDING BLOCKS KEEPS GOING. THEREFORE, BLOCK HEIGHT IS A NUMBER SHOWING THE LEVEL OF BLOCKS PRESENT IN THE BLOCKCHAIN.
- **HASH:** HASH IS THE FUNCTION THAT TAKES AN INPUT OF ANY LENGTH, BE IT NUMBERS OR ALPHABETS. IT TRANSFORMS AND PRODUCES THE OUTPUT OF FIXED LENGTH. THIS FIXED LENGTH IS CALLED A HASH AND CANNOT BE EASILY TAMPERED WITH.
- **DISTRIBUTED LEDGER:** IT IS A DIGITAL LEDGER AND STORES TRANSACTION HISTORY IN AN ORGANIZED MANNER. HENCE, ALL THE NODES IN THE NETWORK CAN HAVE A COPY OF THE LEDGER; HENCE THE NAME DISTRIBUTED LEDGER.
- **DECENTRALIZED:** ONE OF THE MOST IMPORTANT TERMS IN BLOCKCHAIN TECHNOLOGY, DECENTRALIZED MEANS GIVING THE CONTROL OF AUTHORITY TO NOT ONE BUT IS DISTRIBUTED AMONG THE NODES. THE DECISION-MAKING POWER PURELY DEPENDS ON THE DISTRIBUTED NETWORK.
- **PEER-TO-PEER(P2P):** THE INTERACTION HAPPENS BETWEEN THE CONNECTED NODES(COMPUTERS) AS EVERY NODE IS CONNECTED WITH OTHER NODES. P2P IS A NETWORK WHERE TWO OR MORE NODES SHARE DATA.
- **CRYPTOCURRENCY:** IT IS A VIRTUAL/DIGITAL CURRENCY REGULATED AND TRANSACTED ON THE BLOCKCHAIN NETWORK. AS THE NAME SUGGESTS, CRYPTO+CURRENCY IS SECURED BY CRYPTOGRAPHY AND ENCRYPTION TECHNIQUES. THE VALUE OF THIS CURRENCY DEPENDS UPON THE DEMAND AND SUPPLY CHANGES.
- **MINING:** THE PROCESS OF GENERATING NEW BLOCKS BY SOLVING COMPLEX MATHEMATICAL PROBLEMS DONE BY THE MINERS. THE VALIDATED BLOCKS ARE GIVEN TO THE BLOCKCHAIN.
- **BITCOIN:** IT IS THE FIRST CRYPTOCURRENCY THAT IS USED AS PEER-TO-PEER TECHNOLOGY FOR INSTANT PAYMENTS. THE NATIVE TOKEN IS KNOWN AS **BTC**.
- **CONSENSUS:** IT MEANS THE MAJORITY OF NODES AGREE UPON ONE CHANGE TO BE CARRIED OUT AND A SHARED STATE OF THE LEDGER. THERE ARE DIFFERENT TYPES OF CONSENSUS CONSISTING OF:
 1. **PROOF-OF-WORK,**
 2. **PROOF-OF-STAKE,**
 3. **PROOF-OF-CAPACITY**

4. PROOF OF AUTHORITY

5. PROOF OF HISTORY

6. PAXOS AND MANY MORE

- **SMART CONTRACT: SMART CONTRACTS ARE SMALL SCRIPTS WRITTEN ON SOLIDITY PROGRAMMING LANGUAGE. THESE ARE PREDEFINED, SELF-EXECUTING ALGORITHMS USED IN THE BLOCKCHAIN.**
- **TRANSACTION: IT IS THE EXCHANGE OF DIGITAL ASSETS SUCH AS BITCOIN BETWEEN TWO PARTIES ON THE BLOCKCHAIN TECHNOLOGY.**

HISTORY OF BLOCKCHAIN

THE HISTORY OF BLOCKCHAIN DATES BACK TO THE YEAR 1991, WHEN RESEARCHERS STUART HABER AND W. SCOTT STORNETTA PROPOSED A SOLUTION FOR TIME-STAMPING DIGITAL DOCUMENTS, WHICH WAS USED TO PREVENT TAMPERING WITH THE DOCUMENTS.

LATER IN 1992, MERKLE TREES, A HASH TREE OF DATA STRUCTURE, WAS USED FOR DATA VERIFICATION AND SYNCHRONIZATION. THIS WAS DEVELOPED ON THE SYSTEM PROPOSED BY STUART HABER AND W. SCOTT STORNETTA. SO IT WAS MORE LIKE UPGRADING THE SYSTEM.

AFTER 11 YEARS OF SILENCE, IN 2004, CRYPTOGRAPHIC ACTIVIST HAL FINNEY INTRODUCED A SYSTEM CALLED THE REUSABLE PROOF-OF-WORK(RPoW). THE RPoW WORKED ON RECEIVING A NON-EXCHANGEABLE HASHCASH-BASED PoW, IN RETURN CREATING AN RSA-SIGNED TOKEN. THIS COULD BE TRANSFERRED FROM PERSON TO PERSON. THIS WAS THE BACKGROUND BEHIND THE 'BLOCKCHAIN BUBBLE'

AFTER A FINANCIAL CRASH IN 2008, IN LATE 2009, A GROUP OF PEOPLE OR AN INDIVIDUAL BY THE NAME OF SATOSHI NAKAMOTO PUBLISHED A WHITE PAPER ON HOW TO GET RID OF OLD SYSTEMS. IT IS THE CONCEPT OF DISTRIBUTED LEDGER AND VIRTUAL CURRENCY BUILT ON BLOCKCHAIN.

HERE'S A GLIMPSE OF THE FIRST TRANSACTIONS MADE.

LATER, IN 2010 10,000 BTC WERE PURCHASED FOR THE FIRST TIME. 2010-2013 THE TRANSACTIONS OF VIRTUAL CURRENCY TOOK THE TECHNOLOGY FORWARD.

DIFFERENT TYPES OF BLOCKCHAIN

THERE ARE FOUR DIFFERENT TYPES OF BLOCKCHAIN

- **PRIVATE**
 - **PUBLIC**
 - **HYBRID**
 - **FEDERATED OR CONSORTIUM**
- 1. PRIVATE BLOCKCHAIN: AS THE NAME SUGGESTS, IT PROVIDES USERS WITH THE DESIRED PRIVACY. IT INCLUDES THE CONSENSUS AND IS RUN BY A SINGLE ORGANIZATION. THIS BLOCKCHAIN IS PARTIALLY DECENTRALIZED, AND PARTICIPANTS ARE ALLOWED ONLY WITH AN INVITATION. THE CLOSED SORT OF NETWORK FACILITATES FASTER TRANSACTIONS AND HAS FULL TRANSPARENCY.**
 - 2. PUBLIC BLOCKCHAIN: IT IS A PERMISSIONLESS, OPEN-SOURCE NETWORK. IT IS FREELY ACCESSIBLE TO ANYONE ON THE NETWORK WITHOUT ANY AUTHORIZATION. THE BLOCKCHAIN HERE IS WHOLLY DECENTRALIZED AND FACILITATES FULL TRANSPARENCY OF THE TRANSACTIONS MADE. IT ALSO SLOWS DOWN THE TRANSACTION USING THE CONSENSUS.**

PROOF-OF-WORK OR PROOF-OF-STAKE FOR SECURITY AND VALIDATED TRANSACTIONS. THE BEST EXAMPLE TO BE GIVEN IS BITCOIN PUBLIC BLOCKCHAIN.
 - 3. HYBRID BLOCKCHAIN: IT IS THE COMBINATION OF BOTH PRIVATE AND PUBLIC BLOCKCHAIN. THE ORGANIZATION NEEDS TO HAVE A PERMISSIONED SYSTEM ALONGSIDE PERMISSIONLESS PUBLIC SYSTEMS.**
 - **HERE THE TRANSACTIONS ARE NOT ACCESSIBLE TO EVERYONE IN THE NETWORK**
 - **IT CAN BE MADE PUBLIC FOR VERIFICATION PURPOSES.**
 - **IT IS MAINLY OWNED BY SINGLE ORGANIZATIONS AND CANNOT BE MANIPULATED BY THE SAME.**
 - 4. CONSORTIUM OR FEDERATED BLOCKCHAIN: IT IS A BLOCKCHAIN CONSISTING OF A CLUSTER OF MULTIPLE PRIVATE CHAINS BUT MANAGED BY MULTIPLE ORGANIZATIONS. IT IS ALSO KNOWN AS A FEDERATED BLOCKCHAIN AND IS MORE DECENTRALIZED AS THE AUTHORITY IS SHARED AMONG THE ORGANIZATION.**
 - **IT IS A PERMISSIONED BLOCKCHAIN AND ENJOYS A LOT MORE SECURITY AND SPEED**
 - **EACH ORGANIZATION FORMS A STAKEHOLDER ALLIANCE TO MAINTAIN THE HEALTHY OPERATION OF THE BLOCKCHAIN**



Coin name : **DRONS COIN**

Total supply : **7860 cr. (786000000000)**

Smart contract

Address : **0xf1e27b08f2ec68c7d841a6fc85ca0b2793d8f3b1**

DRONSCOIN distribution

ENTITY	TOKEN QUANTITY	PERCENTAGE	REMARKS
FOUNDERS	3144 CR	40%	LOCKUP PERIOD FOR FIVE YEAR
MARKETING AND PROMOTION	786 CR	10%	PERIOD FROM 6 MONTHS TO 12 MONTHS
ADVISORS & PARTNERSHIPS	786 CR	10%	LOCKUP PERIOD FROM 2 YEAR
CONTRIBUTORS	1572 CR	20%	LOCKUP PERIOD FOR 3 YEAR
PUBLIC EXCHANGE	1572 CR	20%	FOR PUBLIC SALE ON EXCHANGE
TOTAL	7860 CR	100%	



Technology Revolution in The Crypto World



FAST Transaction Speed
Speed for actual use:
A transaction must be completed
within **several seconds**.



Ledger Dynamic
Even with the increasingly huge number
of nodes, the space for saving the ledger
state at a single node will not be too large.



Stability and Safety
providing stable operation even
under weak links on a small
number of nodes.



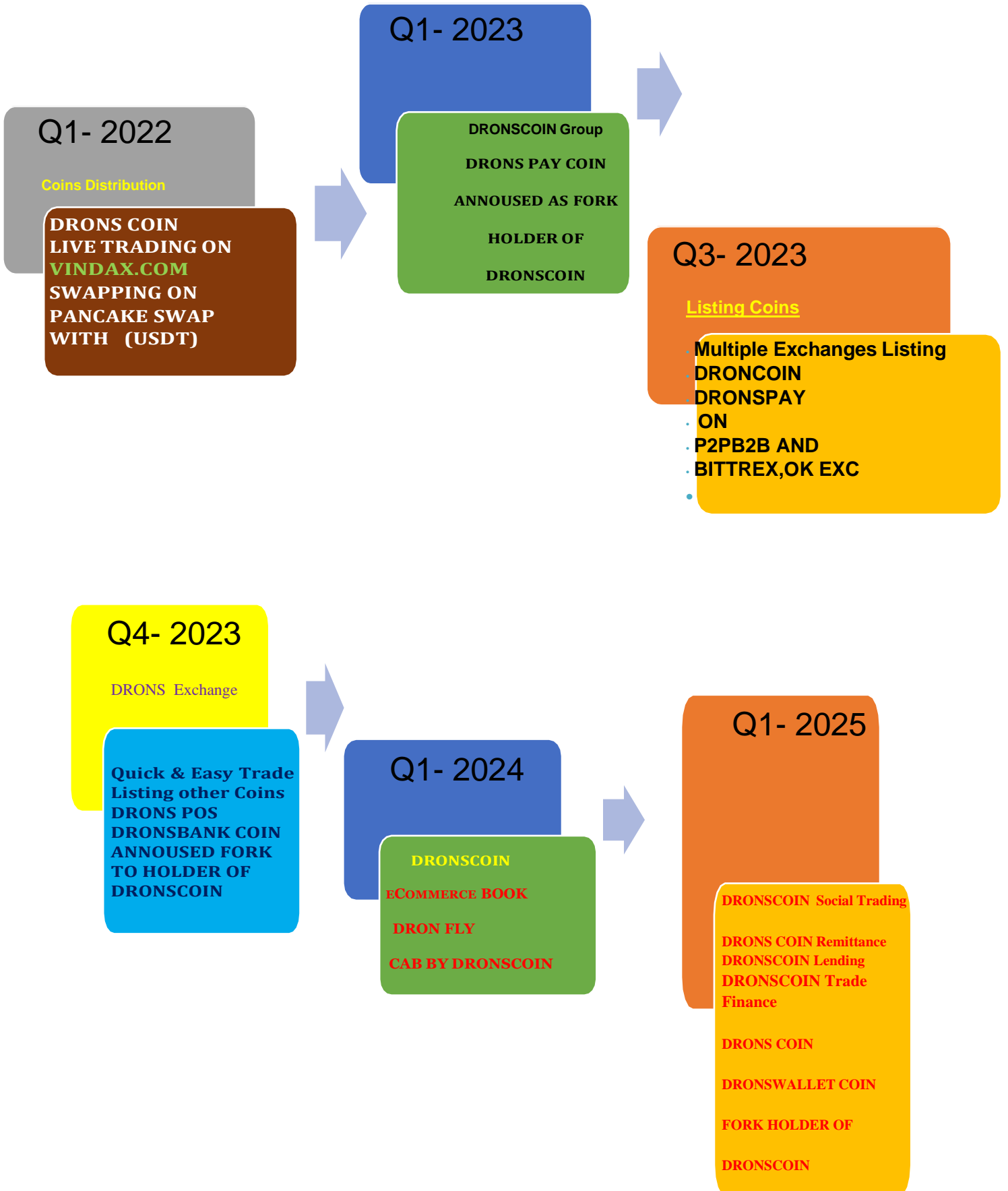
Mobile Platforms
Available on both Android &
Apple OS



Scalability
The increasing number of nodes should not cause any deterioration of processing
performance or any critical trouble on use.

(Dynamic Blockchain Technology)

Roadmap 2022-2025





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