BITCOIN

To start with one of the most known cryptocurrency in the world which is Bitcoin.The first digital currency which can be transferred on a P2P bitcoin network. It was invented on 2008 and his owner is actually an unknown person but some informations say that the coin is created by a group of people calles Satoshi Nakamato.

Bitcoin began as a currency in 2009 when was created as an open source software. The origin of the word bitcoin cames from the words bit, which is the basic unit of a computer information, and the coin which represents the basic round piece of exchange or legal tender. As a cryptocurrency, there are many countries who has banned the use of this currency, so this is something that it waries by the region we take as a consideration. The first country that has adopted the Bitcoin is El Salvador as a legal tender, also a few has used it in some capacity , Ukraine for example, to gather and accept that for donations ,that are needed from the war with Rusia. Another one that has used it , it is Iran mostly to bypasss sanctions.

It has an amazing impact on the environment, on mining which requires electricity consumption to produce coin on a period of time including here a considerable amount of almost a half of a price that it produce, plus the consumption of internet, so without that is impossible to produce the coin . [1]

Mining, a word that consist to finding gold on a mining area but its the same but in different environment. Bitcoin use a proof of work system to create a distributed server time with the simplest connection form, the P2P network.

So how it works is quite simple, during the proces of mining, computer power of bitcoin is to solve the problems of cryptographic tasks. Tasks purpose is to ensure that the generation of this valid blocks has a certain amount of effort in the body of a blockchain. So after solving this all it do is that it saves that on a database converted to numbers and later it shows you your profit.[2]

References:

1] en.wikipedia.org/wiki/Bitcoin#cite-note-unicode-10-i/

2] en.wikipedia.org/wiki/Bitcoin\_network#Mining

BNB

BNB is the coin of binance, a crypto currency that it can be used to trade and pay fee on the binance crypto exchange. To begin with, the Binance is the largest crypto exchange in the world since the Janary of 2018 with more than 1.5 million transactions per second.

BNB or binance coin was created in July of 2017 and it works on the etherium blockchain with the token type ERC-20 ,thus it become the native currency of Binance’s blockchain.

Here are some of the uses of BNB:

* Trading
* Transactions fees made on Binance
* Booking travel arrangements for everywhere anytime
* Credit card payments
* Investments of all kinds
* Loan and transfers

[1]

This coin was launched in July 2017 as an initial coin offer.Binance coin was distributed , among all various participants, the angel investors and all Binance team of founders. In the following here it is the breakdown of BNB tokens :

* Founding team: 40% on a price of 80 million BNB
* Angel Investors: 10% on a price of 20 million BNB
* Public investments: 50% on a price of 100 million BNB

The 50 % or 100 million BNB tokens were sold during the time with 15 cents pr token.Thus binance reused the total 15 million $ in bitcoin and etherum.[2]

References:

1] corporatefinancialinstitute.com/resources/cryptocurrency/binance-coin-bnb/

2] corporatefinancialinstitute.com/recources/cryptocurrency/initial-coin-offering/

XRP-Ripple

Here we have another very popular coin, but before we go there let’s start with the Ripple.Ripple is a company of technology services that has an large operation in financial sectors and here it created the XRP coin. This company provide a global transaction fast payment system , with her digital token XRP.

So XRP is created and used to make payments on the Ripple network. XRP can also be used for purchasing goods and services or it can be traded on crypto exchanges. It is one of the tokens that in Ripple section has a transaction free payment of 0.00001 $ per transaction. Basically this is the function of token and it is very attractive cost to purchase or made to put on currency and trade as other coins.

Cost of a XRP purchase it depends on the fees you choose to trade .

It has become one of the most largest tokens on market capitalization and the most popular coins to invest nowadays. [1]

References:

1] seekingaplha.com

Polygon

So Polygon is an crypto currency whitch the symbol it is the MATIC and also a technology platform that enables blockchain networks to connect and scale.

This platform is an operating system that uses Etherum, blockchain and connect its project.Using polygon can increase the flexibility,scalability and sovereignty of blockchain.

MATIC is an ERC-20 token, meaning that is compatible with other currencies and also the maximum supply of MATIC is 10 billion $ tokens and the 8.73 mln almost the majority has already been issued[1]

To create a new a MATIC and a secure the network , Polygon uses a proof of consensus mechanism, so one way you earn money a MATIC you hold URA staking

[2]

References :

1] investopedia.com/polygon

2] coinbase.com/learn/crypto-basics/what-is-polygon

Avalanche

Avalanche it is a blockchain that premises is to combine capatibilities and quick confirmation through its Avalanche consensus protocol. It can process 4000 TPS for etherum it is 14 TPS.

It is the 10-th largest with a market of 33$ billion in mars 2022.

The Avalanche went live in in september 2022 and it has became one of the largest blockchain on the market nowadays. It has over 11$ billion total value whitch it is locked in its protocol

AVAX is the native token of Avalanche with a max supply of 720 mln tokens.

As a token has a use of three cases on the network and it has the same way working as Etherium

While Etherium fee is partly burned the AVAX fee is completely burned so more than 1 billion $ have been burned.

The next thing is that AVAX is used to do pledging crypto to participate the process and help the blockchain . Proof of work networks like Bitcoin rely on running powerful devices known as the best for miming. There are some methods for users that stake at least 2000 AVAX can run best and receive rewards.

And the last thing for the use of Avalanche is kinda technically and in the interest of user.

[1]

1] www.coindesk.com/learn/what-is-avalanche-a-look-at-the-popular-ethereum-killer-blockchain/