

SOLERA X

Whitepaper
2023

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Abstract

What is cryptocurrency?

A cryptocurrency (or crypto currency or crypto for short) is a digital asset that serves as a medium of exchange in which the ownership data of individual coins is stored in a ledger existing in the form of a computerized database that uses strong cryptography to secure transaction data, control the creation of additional coins, and verify the transfer of ownership of the coins. They generally do not exist in physical form (like paper money) and are not usually issued by a central authority. Cryptocurrencies are usually controlled in a decentralized manner unlike centralized digital currencies and centralized banking systems. If a cryptocurrency is minted or created prior to issuance or issued by a single issuer, it is generally considered centralized. With decentralized control, each cryptocurrency operates using distributed ledger technology, typically a blockchain, which serves as a public database for financial transactions.

Bitcoin, first released in 2009 as open source software, is the first decentralized cryptocurrency. Since Bitcoin's release, other cryptocurrencies have been created.

What is decentralization?

In blockchain, decentralization refers to the transfer of control and decision-making from a centralized entity (individual, organization, or group thereof) to a decentralized network. Decentralized networks strive to reduce trust among participants, and prevent them from exercising authority or control over each other, which would affect the functionality of the network.

Decentralization is not a new concept. When building a technology solution, three primary network architectures are typically considered: centralized, distributed, and decentralized. While blockchain technologies often leverage decentralized networks, a blockchain application itself cannot simply be categorized as decentralized or non-decentralized. Rather, decentralization is a sliding scale and should be applied to all aspects of a blockchain application. By decentralizing the management of and access to resources in an application, better and fairer service can be achieved. Decentralization usually comes with tradeoffs such as lower transaction throughput, but ideally, these tradeoffs are worth the improved stability and higher level of service they produce.

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Binance Smart Chain (BSC)

This dual-chain architecture will allow users to build their decentralized apps and digital assets on a blockchain and take advantage of fast trading to exchange at low transaction fees.



BEP-20

BEP-20 is a token standard on Binance Smart Chain that extends ERC-20, the most common Ethereum token standard. It is a blueprint for tokens that defines how they can be spent, who can spend them, and other rules for their usage. Because of its similarity to Binance Chain's BEP-2 and Ethereum's ERC20, is compatible with both.

BEP-20 was designed as a technical specification for Binance Smart Chain, with the aim of providing developers with a flexible format for launching a range of different tokens. These can represent anything from company shares to dollars stored in a bank vault.

BEP-20 token transfers are fuelled with BNB. This is an incentive for validators to include the transactions in the blockchain, as they'll collect the BNB as a fee for their troubles. You may know that Binance Smart Chain was envisioned as something of an extension to Binance Chain. With dual chain architecture, both chains are complementary – Binance Smart Chain caters to decentralized applications without congesting the original chain, which is optimized for ultra- fast trading.

Because of this architecture, great emphasis was placed on cross-chain compatibility. For that reason, BEP-2 tokens can be swapped for their BEP-20 equivalent. The easiest way to do so is perhaps via the Binance Chain Wallet extension, though more methods will undoubtedly emerge over time.

Why use decentralization?

Trust is not required

In a decentralized blockchain network, no one needs to know or trust anyone else. Every member of the network has a copy of the exact same data in the form of a distributed ledger. If a member's ledger is altered or corrupted in any way, it will be rejected by the majority of the network's members.



Improves data reconciliation

Companies frequently share data with their partners. This data, in turn, is usually transformed and stored in each party's data silo, only to resurface when it needs to be passed downstream. Each time the data is transformed, it opens up opportunities for data loss or incorrect data to enter the workflow. With a decentralized data store, each entity has access to a shared, realtime view of the data

Reduces points of weakness

Decentralization can reduce vulnerabilities in systems where there is over-reliance on particular actors. These vulnerabilities can lead to system failures, such as failure to deliver promised services or inefficient service due to the exhaustion of resources, periodic outages, bottlenecks, lack of sufficient incentives for good service, or corruption.



Optimizes resource distribution

Decentralization can also help optimize the distribution of resources so that promised services are delivered with better performance, consistency and a lower probability of catastrophic failure.

Green Energy Era

By 2030, customers will invest more in the power grid than utilities. To become a free energy customer you first need to understand how energy is made.

Hydro power



is the most used-renewable energy source, with a capacity to install 1,295GW of hydropower worldwide. Although this is only 18% of the total installed power generation capacity in the world, it is more than 54% of the world's renewable power generation energy capacity.



Wind power

is a powerful source of renewable energy and accounts for 20% of green electricity since the opening of a number of large wind farms in recent years.



Solar power

has an installed capacity of more than 486GW and making it the third largest renewable energy source in the world, where photovoltaic (PV) technology predominates. The use of centralized solar power (CSP) is increasing, with global installed capacity reaching 18.5GW by the end of 2020.

Utility-scale wind and solar are now the cheapest sources of electricity in most regions of the world. Renewable power generation is estimated to account for 50– 80% of total capacity in the coming decades, largely replacing thermal generation assets. This alone represents the most dramatic change in the electricity sector since the introduction of alternating current.

- An increasing population and the industrialisation of emerging economies

continue to have a huge impact on global energy demand and the environment. In the coming decades, the world's population will grow, technology will evolve, and energy consumption will increase massively, all of which will have a detrimental effect on our planet and our society.

- By 2030, roughly a third of global installed capacity will reside “behind the meter”

Customers are making the switch quickly: in the next 5 years, electricity end- users will spend a cumulative \$830B on energy production units and \$7T on electric mobility. Taken together, these assets have the potential to form the basis of decarbonized, flexible and resilient energy systems the world-over.

- Customer investment in energy is projected to eclipse grid operator investment over the next decade

Investment is taking place in a naturally decentralized way: some customers want backup power, others want to lower their energy bills or carbon footprint, and others simply want to control smart appliances remotely.

- SOLERA X will also develop electric charging points

The charging stations will be partially or wholly owned by SOLERA X and will use an app based scheme with the aim to facilitate payments in SOLERAX token currency. SOLERAX charging stations will provide further opportunities for partnerships with other blockchain platforms that offer peer- to-peer (P2P) renewable energy trading. The global electric vehicle infrastructure is forecast to \$144.97 billion by 2028.

It is estimated that about 60% of charging will be at home and this segment has been identified as having great potential. An important note is that there will, of course, be a point at which electricity providers are no longer able to offer off- peak rates due to overnight charging demand.

Energy Statistics

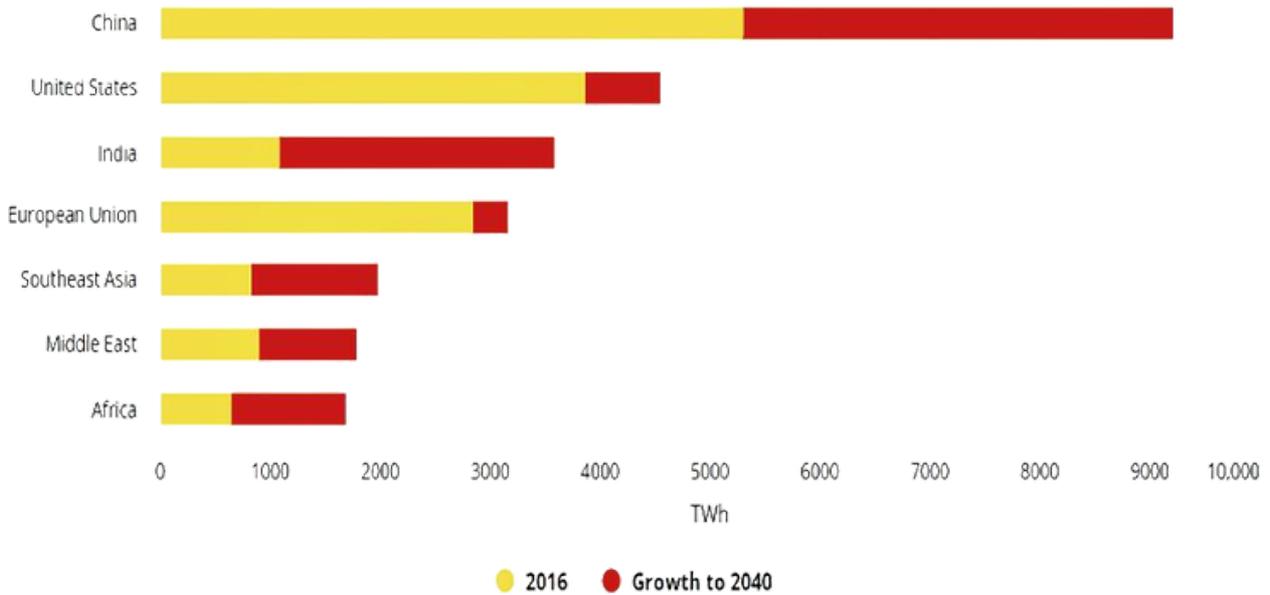
Skyrocketing gas and electricity prices are putting the global economy under strong pressure, while also opening up a huge opportunity for solar, wind and other renewables green units.

The current gas and electricity prices, along with rising CO2 prices, make green energy competitive.

There is no easy solution to sustain the future we are entering, with a speed that will just grow from year to year.



The global energy landscape will change more in the next 10 years than in the previous hundred. As the world’s energy sector moves away from fossil fuels toward renewable energy sources, industrial companies are challenged with addressing this transition in transformative way.



From the statistics we can easily see that we don't have enough energy we are aiming for in the next 10 years.

This is a **big danger** for those who are depending on technology meaning more than 90% of the people on earth.

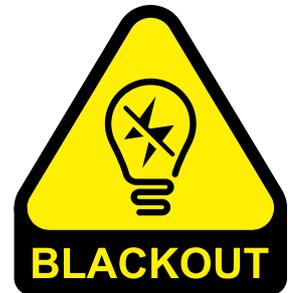
Without electricity, we have have no light, no water, no heat, no security, and no medical care. Every step we take into the future, brings us closer to an **energy blackout**.

Blackout

We are living in a dangerous state of false security.

Energy blackout is not a joke or fake news, it's a real situation that will become the worst thing to handle for the near future of everyone

Europe's soaring energy markets are exposing the risk of power blackouts, especially if freezing weather worsens the region's already exceptionally low natural gas inventories, according to Goldman Sachs Group Inc. While higher gas prices can trigger supply and demand adjustments to offset the tight market, these are largely already priced in. This scenario adds to mounting concerns about an energy crisis. Neither the people nor the companies or the state are prepared for these kinds of wide-spread utility failures.



PERMANENT SOLUTION FOR BLACKOUT

We don't celebrate when energy prices get high but using SOLERA X tokens we earn value with this trend by solving the urgent needs of the people around us. Users of SOLERA X are also energy production units, using their homes and surrounding to sustain an individual off-grid energy network.

We will start to produce in the metaverse, learning every step of the way with small investment of time and money till we are ready to duplicate it in real life where we don't want to waste big amounts of money and risk.

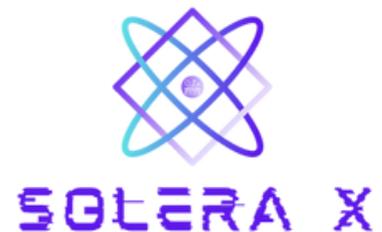
The vision is that every SOLERA X user exists both in the metaverse and in real life as a producer, earning value by providing solutions for the needs of high energy demands which follows.

First of all, every user produce energy for himself, then he also produces more than he needs to help other peoples needs to live and travel. He becomes a hub of connection to the energy supply for neighbors and electric cars. The future need of energy is 100% sure, so the income remains the same. The app is resolving the payment method and also statistics on the production and sales.

Key Facts

○ The founding spirit of SOLERA X is energy production

We see the risk to remain a simple client depending on the grid provider both financially and security. The blackout may start like a fake news but it is a reality that already has already happened in different countries because the development of urbanisation hasn't also considered the energy production. We are growing fast every year without thinking whether it is sustainable or not.



○ Closing the polluting energy production

Above all, we have to save also the planet by closing the polluting energy production points, reducing even more the total energy from the market and causing more blackouts in the future because no one is thinking to wait till green energy will surpass or at least equalise the old energy production units.



We all want to grow, and because that is a natural way to live, we need to adapt to a future that will change faster than ever before.

SOLERA X mission is to make everyone able to evolve based on their own energy production units without depending on the national grid plus earning a monthly income from his energy production units.

It is in everyone's power to be able on having full security in the face of a blackout and also to have free energy for daily tasks.

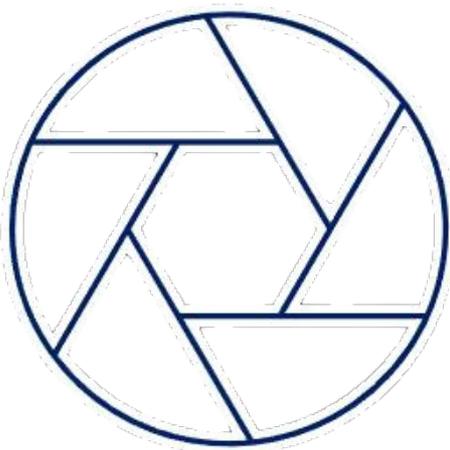
Metaverse & NFT's

The metaverse is a proposed expansion to existing internet technologies. Access points for the metaverse include general-purpose computers and smartphones, in addition to augmented reality (AR), mixed reality, virtual reality (VR), and virtual world technologies.

There are significant business and commercial interests in metaverse-related research and technology. Facebook bought VR company Oculus in 2014, looking to build a new 3-D social space with "connective tissue" to bridge the gap between varying services.

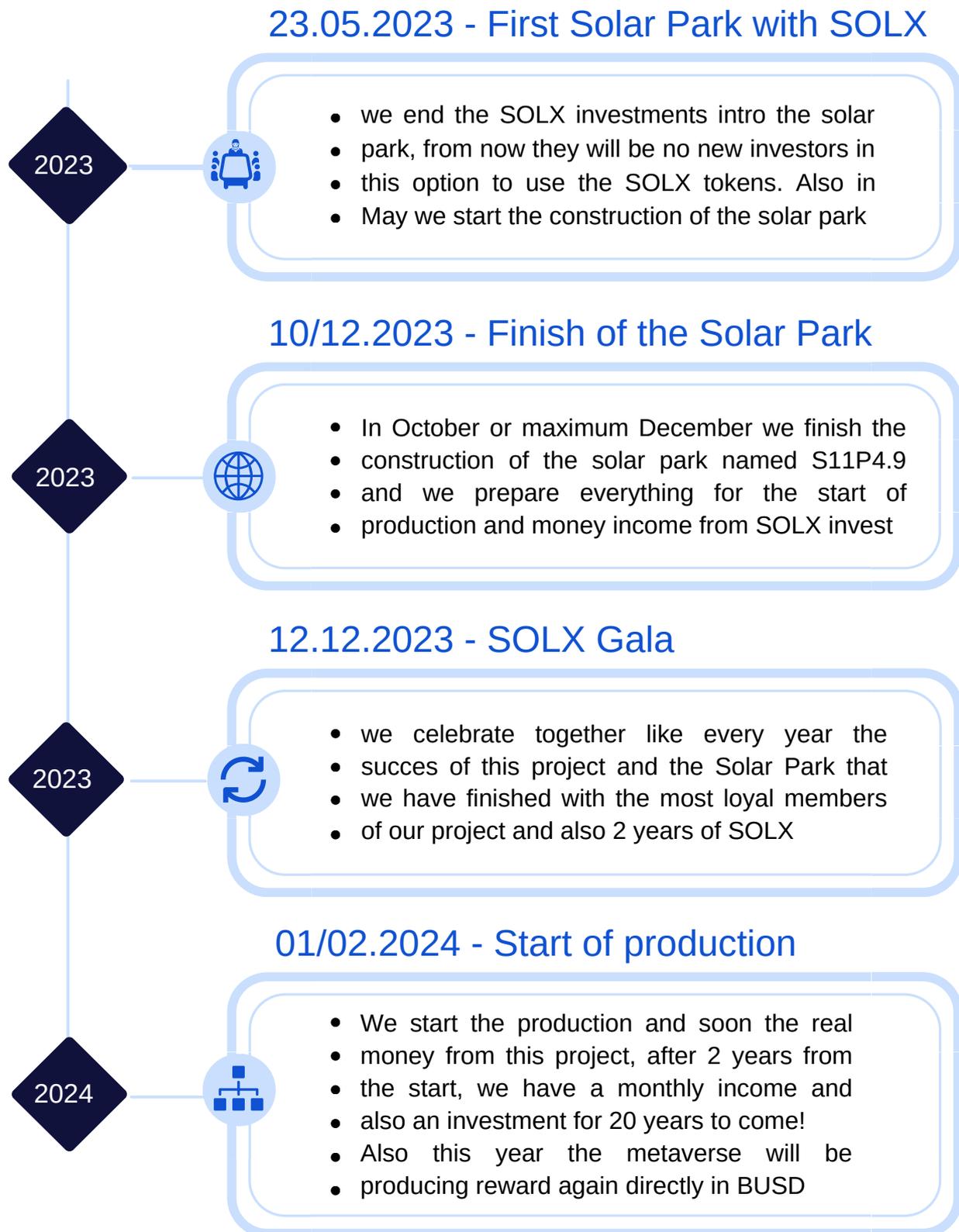
The metaverse has no single creator or definition. It can be defined loosely as a digital reality, akin to the World Wide Web, but combining aspects of social media, augmented reality, online gaming and cryptocurrencies to allow users to act and interact virtually.

What Is a Non-Fungible Token (NFT)?

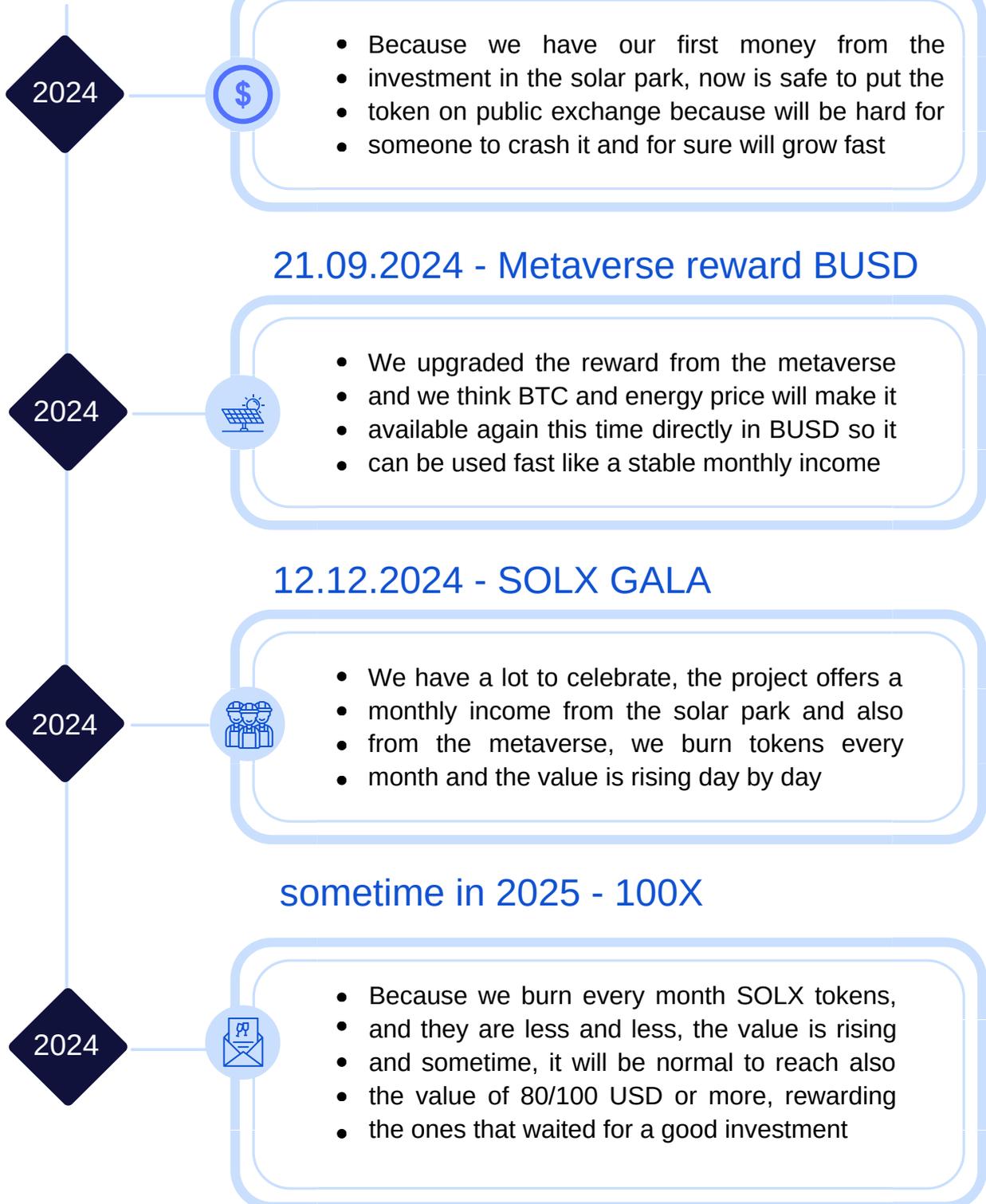


Non-fungible tokens or NFTs are cryptographic assets on blockchain with unique identification codes and metadata that distinguish them from each other. Unlike cryptocurrencies, they cannot be traded or exchanged at equivalency. This differs from fungible tokens like cryptocurrencies, which are identical to each other and, therefore, can be used as a medium for commercial transactions

Road Map



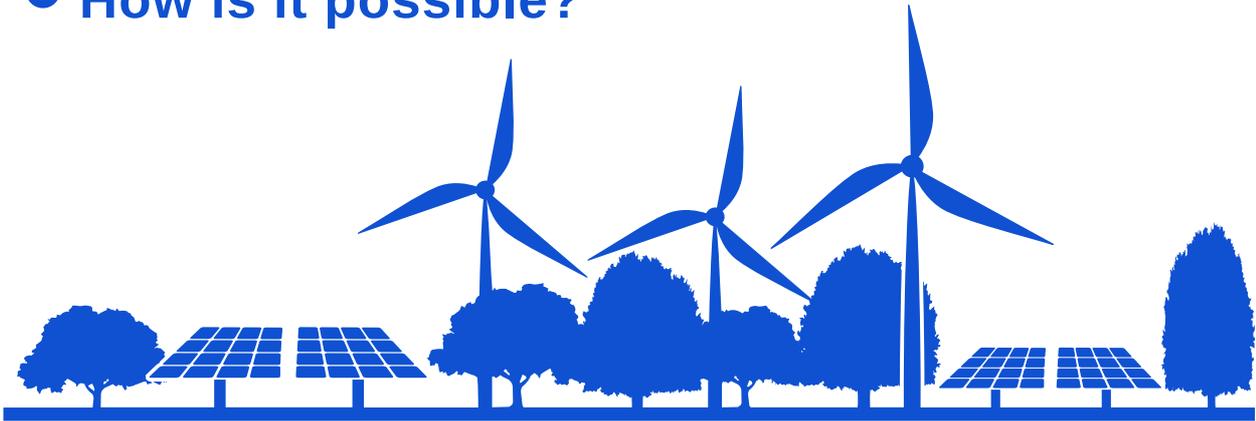
Road Map





We move from crypto to solar, from solar to real money

◉ How is it possible?



We are the only Romanian project and one from very few international crypto projects that didn't crashed according to BTC. We had our own system, and now SOLX owners can sell the tokens into a public private exchange on our website.

Also we go forward and we give the possibility to anyone to invest SOLX instead of real money into a solar park and to have a monthly return from this investment in real money!

Show me please a project where I put crypto and I took FIAT without using an exchange or a trading tool or platform! We are doing this also to reward the ones who believed in us and our idea and we adapt to each situation, growing in different ways.

The minimum investment is aprox. 20.000 euro in SOLX (aprox 10.000 SOLX) and the investment will go in S11P4.9 which will start in May 2023 and end construction till end of year. Also we give the possibility to use all the metaverse investment for the park investment

We pay monthly fee, like to any other investor that paid real money for the solar investment. For more details, visit e31.ro

Two simple steps to move from SOLX to SOLAR

- **Transfer SOLX to us**

First step is to identify where you have the SOLX and transfer it to our main wallet:

0xa4a3d90d9aa3b4eb45e391a60bfd67f214b4b678

- **Send us the PROOF**

After the transfer, send us a picture of the proof of transfer to **+40727100700** and a copy of your ID card in order for us to make the contract for your investment.

How much will I get from this?

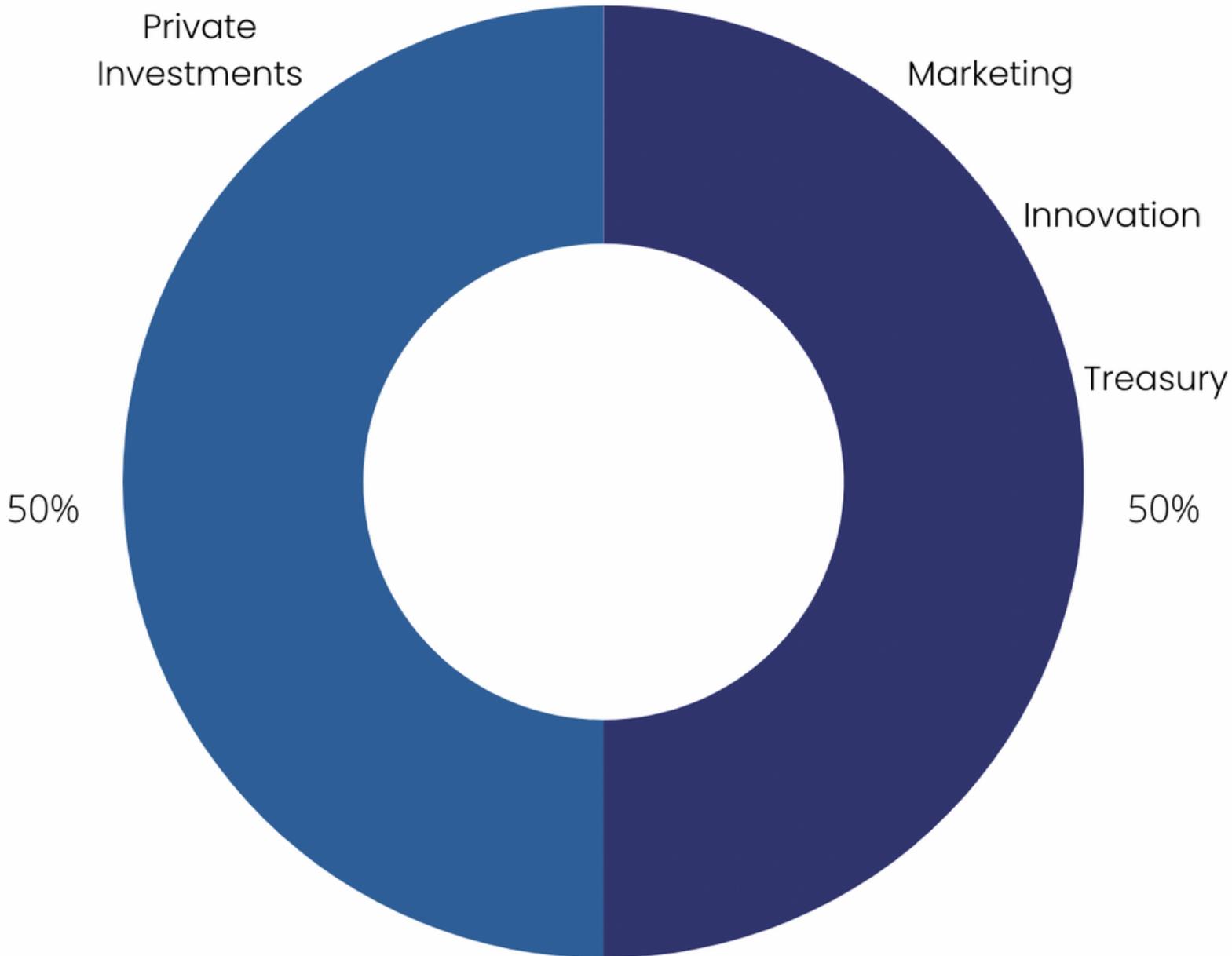
In order to sustain the project and our own exchange, we manage to create a formula from which the SOLX investor is earning monthly and also we help the exchange:

From the total of monthly income from the solar park production, the SOLX owner gets 50% in FIAT money in his account and 50% goes to the SOLX exchange where we use this amount and buy the cheapest offers every month with the monthly limit of the money we have available from the previous month production from solar energy.

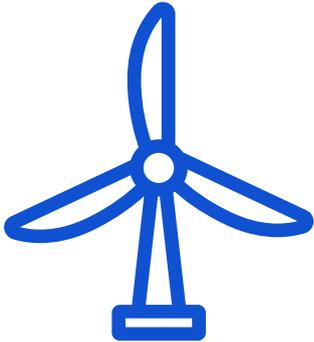
In this way, the SOLX owner changed this crypto money in real money earning monthly income in this account and also the SOLX owners using the exchange can change SOLX into BUSD.

Tokenomics

only 2 million tokens remaining!

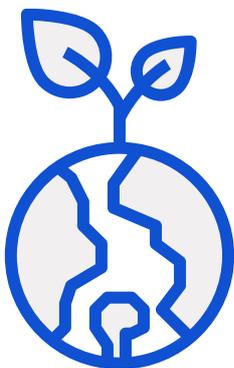
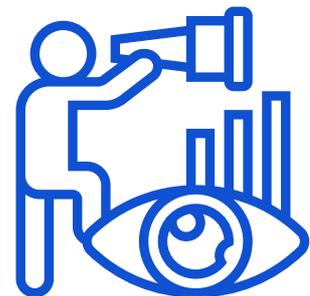


Private but public exchange



From the monthly income that the SOLX owners invested in the solar park, 50% goes to them as profit in real money and 50% goes to the exchange buying from the cheaper offers to the more expensive ones, every month till the 50% is depleted.

We have unlimited energy, meaning unlimited monthly money but a limited SOLX. Because of that, what we buy monthly we burn and the price is going up with every SOLX that is burned. It is the most clever way to rise the price and secure the investments of the ones that have patience and trust in this project.



You can sell your SOLX on the exchange or you can wait for phase 3 when we use also the mining power linked to the energy production, having something that we believe will change the way people look at blockchain technology.

We adapt, we grow and we continue to make big things and innovations into a market that moves continuously.

Disclaimer

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