



The currency of resilience  
and freedom



## 1. Introduction

ELYA Coin was created on March 22nd, 2018 as a native cryptocurrency of Elyatel®, a global mobile roaming operator.

Elyatel® is a registered trademark since 2010, trading since 2009. We provide telecommunications services, international roaming and IT solutions. Currently operating in 120 countries, Elyatel has served over 500,000 customers worldwide, providing GSM 900/3G/4G global roaming. ELYA Coins can be used to buy and top-up Elyatel SIM cards.

ELYA Coin is community driven and strongly linked to its community. We listen to the community, we follow the advice of the community, and we accept and reward any initiatives coming from the community.

On March 22nd 2018, ELYA Coin was initially introduced as a PoW "Miners' Anonymous Phone Coin", using the totally anonymous Cryptonote algorithm. A few months after the launch, we implemented ASIC resistance, following the advice of the community in order to protect single miners from the ASIC miners. At that point, the price of ELYA Coin reached 28 Satoshi.

In the summer of 2018, ELYA Coin faced a 51% attack. Because of the exchanges lack of security, hundreds of millions of counterfeit coins were forged from a fraudulent parallel blockchain. For this reason, to protect the interests of the real ELYA Coin holders, we decided (as been voted for by the community) to fork ELYA Coin to a PoS coin. The coin swap was manually fulfilled through 1 to 1 online meetings in order to prevent the fraudsters from compromising the community further. Despite the exchanges security challenges, all the losses for ELYA Coin holders were covered by the founder. After the swap was completed, on March 22nd 2019, ELYA became a PoS Coin and resumed trading on Stex.com.

The new ELYA Coin was designed to keep up with the community, and to address multiple issues through its Foundation. The community is taking a more proactive role in the development of the coin and its real-world applications e.g. several members of the community are becoming distributors of the Elyatel SIM in their hometowns. We welcome, and we are open to any suggestions, as we reward the contribution of our community to the success of our project.



## 2. What Is ELYA Coin?

ELYA Coin is a native cryptocurrency of ElyyaTel, with a total supply of 2.2 billion coins. 333 million ELYA Coins will be allocated to the ELYA Foundation Fund to be used for philanthropic purposes. Approximately 700 million ELYA Coins were swapped from PoW to PoS.

With the growing number of mobile users worldwide, data access problems in the least serviceable areas, and the increasing uncertainties of global economic growth, ELYA Coin can offer a secure harbour to its holders. This allows the usage of a number of options to safely keep their coins, and to transfer the coins with minimum commission, all the while using the coins as a means of payment for various services.

ELYA Coin is the currency of freedom and resilience for the following reasons:

- **Financial Autonomy** ELYA is the cheapest way to move money worldwide.
- **Global Augmented Connectivity** ELYA Coin is the first ever cryptocurrency accepted as tender for the payment of international 3G/4G and GSM 900 roaming communications and airtime in over 100 countries. ELYA Coins will offer augmented connectivity in remote areas through 2G and SMS data compression, extending its global reach to 95% of the planet.
- **Environmentally Friendly** ELYA is the utility coin for your mobility and communications, clear drinkable water, saving forests, natural resources, and commodities collateral.
- **Off The Grid** A Partnership with Nano Solar plant provider will allow users to purchase prepaid electric capacity for their homes and small businesses, using ELYA Coins.
- **Secured SIM/Wallet** Assets are securely stored on your ElyyaTel SIM card and any number of wallets offered by ELYA Coin.



## 2.1 Characteristics of ELYA Coin

- ELYA Coin is a 100% Proof of Stake (PoS) cryptocurrency that is environmentally friendly, thanks to its minimum energy consumption.
- ELYA Coin is a totally transparent cryptocurrency, since each transaction from wallet to wallet are recorded in the blockchain and is visible to everyone.
- 2.2 billion ELYA PoS Coins has been issued on December 2018.
- System of rewards (block reward split) - 50% MasterNodes/50% Staking at 72 seconds block intervals.
- ELYA Coins can be staked through your desktop wallet. Please refer to our PoS staking manual <https://github.com/elyacoin/Pos-Instruction>

<b>Coin Name</b>	ELYA
<b>Ticker</b>	ELYA
<b>Coin Type</b>	PoS
<b>Maximum Block Size</b>	3 MB
<b>Block Time</b>	72 Sec Approx.
<b>Minimum Stake Age</b>	24 Hr.
<b>Coin Maturity</b>	44
<b>Max Supply</b>	2,200,000,000 Coins
<b>MN Collateral</b>	6,000,000 ELYA
<b>MN Rewards</b>	Begins on Jan 1, 2020 00:00:00 GMT
<b>P2P Port</b>	4285
<b>RPC Port</b>	14286

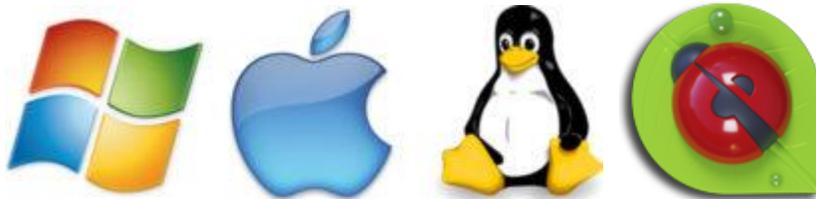


## Staking Rewards

From Block	To Block	Staking Rewards
18101	35999	180
36000	71999	160
72000	107999	150
108000	143999	140
144000	179999	130
180000	215999	120
216000	251999	110
252000	287999	100
288000	323999	90
324000	359999	80
360000	395999	70
396000	onwards	60

## 2.2 ELYA Wallets

ELYA Coins can be stored, and staked, using desktop GUI Wallets for Mac, Windows, and Linux - <https://github.com/x3c/elya/releases/tag/1.0.3>



Paper wallet [https://coolbits.io/elya/paper\\_wallet/](https://coolbits.io/elya/paper_wallet/)

Mobile Android wallet (to be announced in April 2019)

Augmented connectivity mobile wallet (to be announced in May 2019)

Online staking pool with fixed rate (to be announced in June 2019)

ELYA can also be stored using ElyaTel SIM card as a hard wallet and sent to another SIM card.

ELYA can be transformed on top-up codes in order to be sent to family abroad.

ELYA SIM card is a perfect hardware wallet with worldwide roaming service available.



### 3. ElyyaTel

ElyyaTel® is a registered trademark since 2010, trading since 2009. We provide telecommunications services, international roaming and IT solutions. Currently operating in 120 countries, ElyyaTel has served over 500,000 customers worldwide, providing GSM 900/3G/4G global roaming.

#### ElyyaTel Benefits

- ElyyaTel offers a prepaid international roaming SIM card with no monthly fees.
- No contract or ID needed (terms apply depending on the country)
- The ElyyaTel SIM card provides roaming in more than 120 countries.
- Free incoming calls in certain countries.
- The possibility to add up to 10 landline numbers of your ElyyaTel SIM.
- Unlike most telecommunications operators, our system provides a unique feature - any SIM card holder is capable of topping up the card in a local currency, or cryptocurrency, and send it to the balance of another mobile phone.
- Our SIM cards allow users to transfer funds abroad, just like any financial service provider, while only paying zero commission fees, and avoiding any hidden charges. Thus, we are able to offer a commission-free alternative for anyone willing to transfer funds abroad. We are also promoting our services, and expanding our business even further, in order to benefit as many customers as possible.
- Users can credit their balance with ELYA and use the credit on the SIM wallet as long as they decide to.
- Credit can be converted into BTC and fiat, by being sent back to a credit card or received in fiat at local distributor points.
- Landline numbers for incoming calls.
- Corporate 3G/4G bundles.
- Anonymous VPN services.
- The possibility to manually switch from one network provider to another worldwide, so the best coverage is provided.
- Payment is realized by wallet to wallet or SIM to SIM transfers.
- The ELYA phone number is a UK number with global roaming: it cannot be spied on and stays completely anonymous. We do not disclose our customers' IDs to anyone.
- RSA Encryption technologies, providing the highest level of security available.
- User convenience will be maximized by developing apps in the future.
- ElyyaTel SIM cards are also hardware wallets, so you can store your ELYA Coins safely, and always have them with you.



## 4. ELYA Foundation

ELYA Foundation is a non-governmental organization, founded under European law and based in a neutral country.

(A DAO structure cannot be currently implemented, because of it being affected by computer security issues. Thus, it cannot be used for safe governance until further adaptation of ELYA to secured encrypted decentralized governance, such as Tezos. A partnership is currently being discussed directly with board members of Tezos for future applications)

ELYA has dedicated itself to philanthropic goals. As of January 2019, ELYA has signed major philanthropic partnerships in order to improve the daily lives of people in multiple countries. These philanthropic partnerships are based on six elements:

**WATER** 1 ELYA = 1 liter of drinkable water, thanks to a partnership with SunWaterLife's mobile purification system. Using RFID smart cards, charged with ELYA, will allow people to receive 1 liter of drinkable water for 1 ELYA in remote areas of Asia and Africa.

**AIR** Airtime MVNO with Global Roaming Sim Card Provider (operating since 2009). ELYA allows top-ups for GSM 900 and international 3G/4G data. The SIM card can also be used as cold storage for ELYA Coins.

**WOOD** Partnership with the Foundation "Man in Nature" - ELYA will be used by all the inhabitants of natural reserve of VOHIMANA (Madagascar), fighting against the deforestation of valuable trees of the primary forest.

**EARTH** Economists and commodity experts have created a workshop in order to peg the price of the ELYA sovereign currency to the price of natural resources, precious metals, and precious stones, instead of fiat currencies.

**SUN** Off-grid Nano Solar plant that will allow individual users, and small businesses, to go totally off-grid, paying for energy and communications costs with ELYA Coins.

**LIFE** ELYA is accepted at 77 bio-vegetarian restaurants, and salad bars, in 50 countries worldwide.



## 4. Funds Distribution

Out of 2.2 billion of ELYA Coins issued:

333 million coins are allocated for the ELYA Foundation for philanthropic purposes. Philanthropic actions are presented to the council of the Foundation and voted for in the dedicated Telegram group.

333 million ELYA Coins are dedicated to ElyaTel Limited, who are in charge of core development, maintenance, secure hosting of MasterNodes, security of ELYA Coin, as well as development of all related applications and derivatives. This includes secure payments, pre-paid voucher systems, debit cards, SIM cards, and web wallets. The company is also in charge of promotion, marketing, and communication tasks of ELYA.

333 million ELYA Coins are dedicated to the Founders and the team of developers, who financed and conducted the ElyaTel project since 2009, transferred the 10 year old trademark ElyaTel to ElyaTel Limited, and financed and took the following course of action:

- Implementing ASIC resistance of CNV7, while ASIC miners were devastating the coin supply at the prejudice of the community.
- Reduced the amount of blocks that can be created on a parallel blockchain in order to limit 51% attacks.
- Paying over 190 million coins to rebalance accounts on the exchanges.



## 5. Partnerships and use cases of ELYA Coin

- **Airtime** ELYA Coins are used for charging your ElyyaTel global roaming SIM card GSM 900 and international 3G/4G data in more than 100 countries.
- **Water** ELYA Coins are accepted for drinkable, purified water in over 30 remote locations of the African Continent.
- **Wood** Partnership with «ecorce connectée». Our SIM card will be used for the protection of primal forests in Madagascar. Thousand-year-old trees are being saved from braconniers.
- **Green** ElyyaTel will partner with a network of 77 bio-food stores/restaurants, where the best quality bio-food can be purchased with ELYA Coins.
- **White Zones** ELYA Coin will be available offline. ELYA Coins will be used globally, covering up to 95% of the planet - even in the middle of deserts and over oceans! Through Cross fertilization partnerships, ELYA Coins will be able to use the blockchain without internet connectivity, using data-channel compression of the SMS protocol.
- **Gold Collateral** ElyyaTel will partner with a Swiss company, based in Switzerland, legally melting gold and silver coins with the hallmark of the government of Switzerland. This will allow ElyyaTel to create ELYA Coins with immediate fiat value.
- **Precious Stones** There will be a partnership with the possibility to exchange ELYA Coins for gemstones, such as sapphires and rubies.

## 6. Purchasing and trading ELYA

Currently, ELYA Coin is traded on [STEX.com](https://www.stex.com), [caratexchange.io](https://www.caratexchange.io) and [golix.com](https://www.golix.com), while being listed on [CoinGecko](https://www.coinbase.com).

We are also in the process of negotiation with other exchanges.

ELYA Coins can be bought with your credit card on [caratexchange.io](https://www.caratexchange.io) (terms apply) and with FCFA and Rand on [golix.com](https://www.golix.com).



## 7. Roadmap

- **February 2019** Release of ELYA Coin GUI wallets for Mac, Linux and Windows.
- **March 22nd, 2019** ELYA Coin becomes a PoS coin.
- **April 2019** New ElyaTel website released - <https://elya.io/>
- **April 2019** Release of Android Mobile wallet.
- **April 2019** Implementation of credit card processing on elya.io - buying ELYA Coins with credit cards will soon become a popular and convenient way to purchase Cryptocurrencies, by processing payments through VISA and MasterCard.
- **May 2019** ELYA Coin augmented connectivity mobile wallet.
- **June 2019** ELYA Coin online staking pool with fixed rate.
- **July 2019** Release of gold collateral of ELYA Coin.
- **August 2019** Global partnerships of ElyaTel with mutually profitable cross-fertilization and development of ELYA Coin distribution network serving local economies.
- **October 2019** Mobile Application that will allow you to top up ElyaTel SIM card from ELYA Coin mobile wallet app.
- **January 2020** Beginning of ELYA Coin MasterNode Rewards.
- **February 2020** Listing on MasterNodes.online and MasterNodes.pro.
- **April 2020** ElyaTel branded Visa and MasterCards, available with SMS verification sent to the ElyaTel SIM card.



## 8. The Team

Our team consists of various multi-skilled specialists from different industries, representing multiple countries. <https://elya.io/#team>

## 9. Join our Community: <https://elya.io/ourcommunity>

**Discord** : <https://discord.gg/4HZ6EpV>

**Core Telegram Group** :<https://t.me/joinchat/FQ-mtA6wjkCHknAl-hz5zg>

**Telegram Group in Russian**: <https://t.me/elyacrypto>

**Telegram Group in Korean**: [https://t.me/elyacoin\\_kr](https://t.me/elyacoin_kr)

**Telegram Group in Indonesian**: <https://t.me/elyaindonesia>

**Telegram Group in Portuguese**: <https://t.me/joinchat/FQ-mtAzm7H7y2tNMbpM0Ug>

**Facebook**: <https://www.facebook.com/Elyatel-262609767156322/>



 elya