

Ittrium

LIGHTPAPER

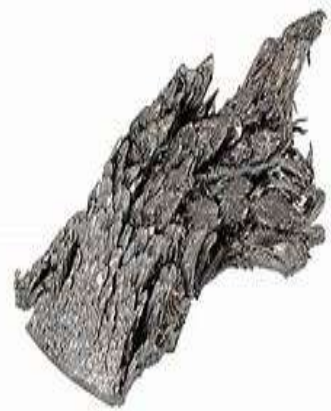
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Ittrium's Goal

Develop a market leading cryptocurrency that is price stable (in terms of BTC value) and offers reasonable returns via Proof of Stake (PoS) and Masternode (MN) rewards. Creating a successful cryptocurrency is a difficult task to achieve. It requires many of the same qualities successful businesses exhibit; great leadership, communication, transparency, marketing and most importantly in the crypto ecosystems, community engagement and support; all of which the Ittrium team aim to provide/nurture.

Why Ittrium?

Bitcoin is commonly referred to as digital gold. In a similar way, we consider Ittrium to be the digital equivalent to the rare-earth metal Yttrium. Yttrium is synonymous with modern technology; it's used in the production of computers, smart phones, lasers and superconductors. The demand for Yttrium has significantly increased in recent years and its relevance and value will continue to increase in the future. In many ways, Yttrium is the perfect metaphor for the Ittrium Cryptocurrency.



Block Rewards

Block rewards progressively ramp up from phase 2, through to phase 7, after which rewards progressively ramp down (Figure and Table 1). The relatively short ramp up of block rewards followed by a longer slower ramp down has been designed to incentivise early adopters, whilst ensuring coins remain relatively scarce to ensure value increases.

Figure 1 – Ittrium (XIT) coin supply.

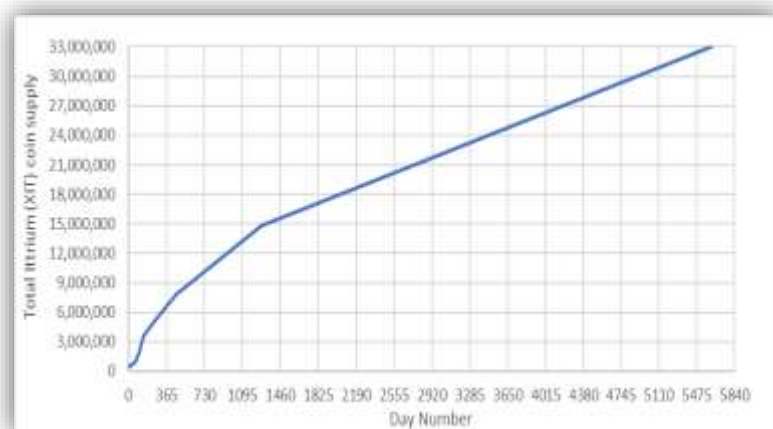


Table 1 – Block Reward Summary.

Phase No.	Block From	Block To	Block Reward (XIT)	MN Reward (XIT)	PoS Reward (XIT)
Phase 1*	1	300	1650	n/a	n/a
Phase 2	301	30,000	3	2.19	0.81
Phase 3	30,001	60,000	6	4.38	1.62
Phase 4	60,001	90,000	9	6.57	2.43
Phase 5	90,001	120,000	11	8.03	2.97
Phase 6	120,001	150,000	22	16.06	5.94
Phase 7	150,001	180,000	33	24.09	8.91
Phase 8	180,001	210,000	22	16.06	5.94
Phase 9	210,001	340,000	11	8.03	2.97
Phase 10	340,001	650,000	9	6.57	2.43
Phase 11	650,001	1,800,000	6	4.38	1.62
Phase 12	1,800,001	7,868,633	3	2.19	0.81

*1.5% Pre-mine

Masternode

Masternodes improve network stability and are tasked with important network duties allowing for near instant and private send functionality, called SwiftTX and Obfuscation, respectively. In return masternodes receive a greater percentage of block rewards (i.e. 73%) to incentivise masternode uptake. A wallet with 5,000 XIT collateral is required to host a masternode.

Pre-mine Coin Distribution

The 495,000 pre-mined XIT will be used/distributed as per the following process. The pre-exchange masternode sale will offer 20 masternodes (totalling 100,000 XIT) for purchase on a first come, first serve basis. The 'seed capital' generated from this sale will be used for advertising and exchange listings.

After the pre-exchange masternode sale and once Ittrium has been listed on an exchange, an additional 350,000 XIT coins will be listed for new investors to purchase, the capital raised will be used to create a 'stepped defensive buy wall' to improve liquidity and protect against negative price volatility. The remaining 45,000 XIT (0.13% of total supply) will be reserved for bounties and distributed amongst the Ittrium team.

Price Stability

A price stable crypto, is that even possible? The Ittrium team believes it is possible to minimise price volatility (in terms of BTC value) by increasing liquidity via the creation of a defensive buy wall, which in turn reduces investor exposure and risk and consequently, reduces Fear, Uncertainty and Doubt (FUD).

Liquidity

Liquidity is the term used to describe the degree to which an asset, such as a cryptocurrency, can be quickly bought or sold in the market without

affecting the asset's price. Low liquidity is often the cause of negative price volatility. Sadly, very few new crypto projects understand the importance of improving liquidity. The first goal of any new crypto should be to overcome low liquidity before FUD overtakes the mindset of investors.

Defensive Buy Wall

350,000 XIT or 70% of the pre-mine will be listed on an exchange for new investors to purchase. The capital raised will be used to create a 'stepped defensive buy wall' to improve liquidity and protect against negative price volatility. For example, the first exchange allocation of 50,000 XIT will be listed at 0.00007 BTC/XIT and once sold, the capital raised will be used to create 53,846 XIT worth of buy orders at 0.000065 BTC/XIT. This process will continue until for the remaining six exchange allocations, until the initial 350,000 XIT has been purchased and replaced by 372,226 XIT worth of buy orders (Table 2).

Table 2 – Pre-mine Coin Distribution

Sale/Allocation Reference	No. XIT Available	XIT Price (BTC/XIT)	MN Cost (BTC)	Discount (%)	Buy Wall Volume (XIT)
1 st MN Pre-Sale*	50,000	0.000060	0.300	67%	n/a
2 nd MN Pre-Sale*	50,000	0.000065	0.325	54%	53,846
1 st Exchange Allocation**	50,000	0.000070	0.350	43%	53,571
2 nd Exchange Allocation**	50,000	0.000075	0.375	33%	53,333
3 rd Exchange Allocation**	50,000	0.000080	0.400	25%	53,125
4 th Exchange Allocation**	50,000	0.000085	0.425	18%	52,941
5 th Exchange Allocation**	50,000	0.000090	0.450	11%	52,778
6 th Exchange Allocation**	50,000	0.000095	0.475	5%	52,632
7 th Exchange Allocation**	50,000	0.000100	0.500	0%	n/a

* Capital reserved for advertising and exchange listings.

** Capital reserved for defensive buy wall.

Transparency

To maintain transparency and to reassure investors this isn't an elaborate spoofing ploy, all exchange orders will be announced and publicly available. Any buy orders the Ittrium team places are genuine offers and will either be sold or remain indefinitely. To mitigate the risk of an exchange hack, a common occurrence in the crypto ecosystems, the decision might be made to only expose a proportion of funds (to be determined), at any given time.

HODL

The spot price of any asset is controlled by two main factors; supply verses demand or 'willingness to sell' verses 'willingness to buy'. Given that Ittrium cannot be mined, only minted via PoS or MN, any XIT being sold is sourced from the investment community. Therefore, the Ittrium community are ultimately responsible for downward price volatility (i.e. the price they are willing to sell). Upward price volatility is predominantly determined by new investors, however historical price action certainly has an influence.

Theoretically speaking, if no investors was willing to sell for anything less than what they paid, then XIT's value would only increase. Obviously, this isn't realistically going to occur in the real world as investors have financial commitments and need to sell at times convenient to them. That said however, the team urges the Ittrium community to 'HODL' or at least, minimise selling XIT below their purchase price, during periods of FUD.

Community Support

The Ittrium team requests that the community plays an active role in protecting their investment and help maintain price stability by committing 3% of their XIT portfolio value to increase liquidity. This can be done by creating a buy order a just below their original purchase price (typically 5-10%). If all investors made this commitment, liquidity would increase significantly and in theory minimise negative price volatility.

Road Map

We are not going to pretend that we can run before we can walk, and we certainly do not want to over-promise and underdeliver. Rather than placing unrealistic deadlines and in the process duping investors, the Ittrium team prefers to simply list our road map goals.

Community Goals - Engaging, empowering and developing our community.

- i. Maintaining Price Stability.
- ii. Expanding our social media presence.
- iii. Encoring and promoting community members
- iv. Decentralized governance and voting.

Development Goals – Becoming the most technically advanced, privacy orientated cryptocurrency.

- i. Masternode install scripts and online videos.
- ii. Block explorer.
- iii. Mobile wallets for iOS and Android.
- iv. Raspberry Pi masternode functionality.
- v. Web wallets.
- vi. Escrow service.

Marketing Goals - Continuously expanding Ittrium's profile.

- i. Exchange listings.
- ii. Website listings.
- iii. Online advertising campaigns.
- iv. Seeking commercial partnerships.

Legal Disclaimer: Ittrium is an experimental cryptocurrency, it is not legal tender, is not backed by the government, and accounts and value balances are not subject to consumer protections. Cryptocurrencies are inherently high risk, individuals need to conduct their own research or seek independent financial advice to assess the appropriateness of the information provided and to understand the nature and complexity of their exposure and risk.