

WHITEPAPER

NOIR

Community built, privacy driven.

October 2018

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I. Introduction



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NOIR (NOR) is a decentralized cryptocurrency that seeks to provide a secure and untraceable payment service for its users.

Being based on the proven cryptographic technology of the Zerocoin protocol, **NOIR** offers anonymity and privacy to its users when desired.

NOIR is in comparison to many other coins completely governed by the community and belongs to all who want to participate in shaping its future.

II. Why community-governed?



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The reason why **NOIR** has become a community-governed cryptocurrency is ingrained in its history. It was the community who decided to take over the project after it was abandoned by the original dev(s).

Today, the Noir Team consists of volunteers from the community and who offered their time, knowledge, experience, and dedication to the development of **NOIR**.

In the near future, major decisions will be made by the community as a whole. This will be done through voting, which will be integrated in the official wallets (see roadmap).

Through this process, people with different ideas, goals, and opinions will be able to help shape the future of **NOIR**.



Our goal

The goal is to turn NOIR into a currency for one's daily payments.

A coin that is not only traded for speculative reasons, but a currency that enables people to buy products and services in a secure and untraceable way.

One of the main goals is therefore to develop a wallet that integrates markets, users democracy, exchanges, communities and security for both buyer and seller.

The road ahead

Our plans for the next few years include:

- Mobile wallets on iOS and Android
- Add Noir to more Exchanges
- Add Real-World Usescases
- Get Noir into an Existing Crypto CreditCard
- Community voting build right into the wallet
- Shared Masternodes Service

For an up-to-date roadmap, please visit
<https://noirofficial.org>

IV. Economic Model



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Its purpose

The Noir Team will release a financial report at the end of every month.

This means full transparency towards the community on the costs and funding of the project, but also the community's participation on how we want and / or can fund future development.

Where / What

The financial reports can be found on the official website and will offer updates and information on:

- The current balance of the development fund in NOR & BTC
- Cost of current and past projects
- Information on how to donate NOR & BTC

The Development Reward Fund

It was voted on by 95% of the community, has been instated and initiate at block 230250 until block 255250 increasing block rewards to 50 and allocation 37.5 Noir per block to the fund.

This will not affect miner rewards, once block 255250 is reached, block rewards will go back to 12.5.

Donation addresses

NOR : ZL2juii5Y6z9Fnsd9Y1dRRvFC33CR9aDj8

BTC : 16et3UzdsLgbubKbthJArkbzYt3Hev75U2

V. Specifications



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Launch date : 05 November 2016

Community Coin

No Premine, No ICO

Only mineable per CPU

Zerocoin Protocol

Total Coins: 21 Million

Proof of Work, Algo : Lyra2z330 (2,330,256)

Initial reward : 100 NOR per block

With block 210000 the reward is 12.5 NOR and halving every 210000 blocks

Block time: 2.5 minutes



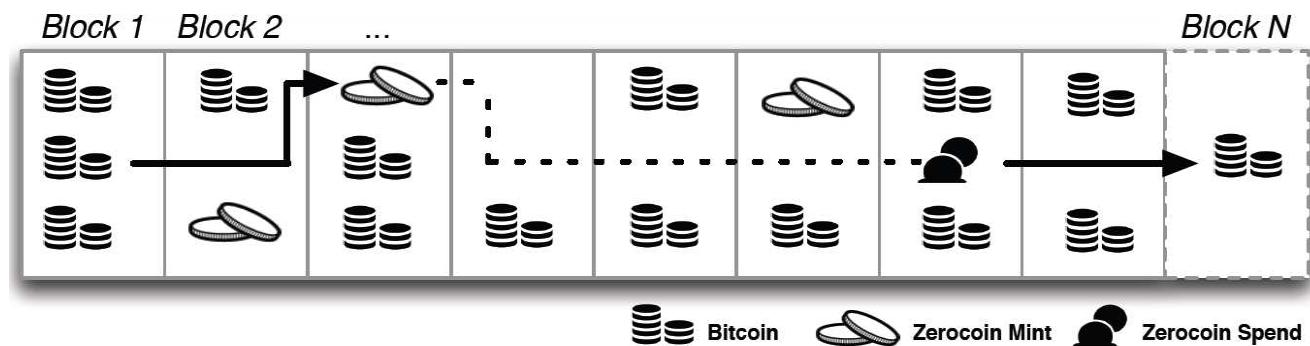
What is Zerocoins?

Zerocoins is a project to fix a major weakness in Bitcoin: the lack of privacy. Our goal is to build a cryptocurrency where your neighbours, friends and enemies can't see what you bought or for how much. This project began with a proposed extension, called "Zerocoins", to the Bitcoin protocol that allowed users to mix their own coin. A collaboration between the original Zerocoins project members and cryptographers at MIT, The Technion, and Tel Aviv University, has produced a far more efficient protocol that allows for direct private payments to other users.

How Zerocoins works

With the new Zerocoins protocol, Zerocoins allows direct anonymous payments between parties. Zerocoins transactions exist alongside the (nonanonymous) normal transactions. Each user can convert non-anonymous coins into anonymous coins, which we call Noir-Zerocoins. Users can then send Noir-Zerocoins to other users, and split or merge Noir-Zerocoins they own in any way that preserves the total value. Users can also convert Noir-Zerocoins back into normal Noir, though in principle this is not necessary : all transactions can be made in terms of Noir-Zerocoins.

Zerocoins scheme for bitcoin :



For more information about the Zerocoins protocol, please visit <http://zerocoins.org>



Initial reward 100 NOR per block

Reward halves every 210 000 blocks

Total coins : 21 Million hard cap

Mined blocks mature in 101 blocks

Block time 2.5 min



What is a Masternode?

Masternodes are nodes running the same wallet software on the same blockchain to provide extra services to the network such as instant send, coin mixing to support privacy, and help in stabilizing the network.

Anyone can run a Masternode and the objective is to have enough online to provide a true level of decentralization, which doesn't favour a country, geography, company, or person. For providing such services, masternodes are also paid a certain portion of the reward of each block.

How much Noir for one Masternode?

To create a masternode called NOIRNODE, an user needs to lock in a specific amount of Noir.

1 NOIRNODE = 25,000 NOIR

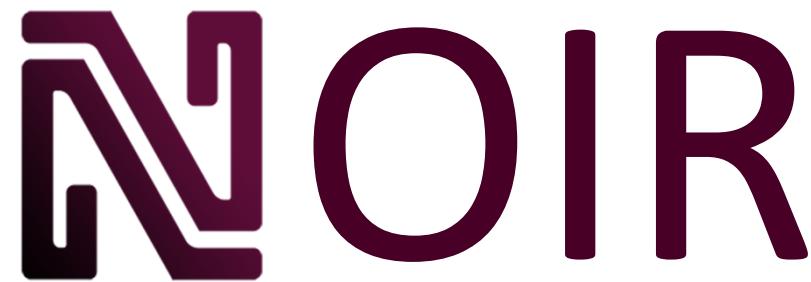


Noir's online-based voting represents an ideal decentralized platform for exercising democracy.

One of our goals is to create a decentralized voting system that allows anyone to vote and participate from his wallet.

That ensures the entire network can't be taken over by a single entity and that every member of the community gets a say in important decisions.

noirofficial.org



Community built, privacy driven.

2018 – The Noir Team