District0x
Decentralized community run marketplaces

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District0x is building the infrastructure for decentralized marketplaces governed by users.

The project plans to allow developers to build marketplaces, called districts, using a combination of open source Ethereum smart contracts and existing services like Aragon and IPFS. Through this framework, users can manage online communities using features like job postings, a rating system, an invoice system, and a fee calculator.

Project Overview

Name	District0x
Issuer	District0x
Category	Utility token
Sector	dApp network
Sale Start	06/18/2017
Sale End	08/1/2017

Token Overview

Name	District0x Network Token
Symbol	DNT
Type	ERC20 token
Initial Distribution	600,000,000
Current Supply	600,000,000
Max Supply	1,000,000,000
Emission Type	Fixed

Resource Links

- Website
- GitHub
- Twitter
- Telegram
- Reddit
- Blog
- Whitepaper

Project Background

District0x is building a platform that aims to allow developers to create decentralized marketplaces and communities called districts. The platform is focused on providing a full suite of services so that even those with limited technical backgrounds can create districts. District0x will provide back end smart contract services, front end tools, and integrate with other networks like Aragon and InterPlanetary File System (IPFS).

Districts function as marketplaces or communities, similar to craigslist or reddit today. Each district is a distinct entity run on the District0x network with basic functionalities like posting, search, filtering, reputational systems and rankings, and payment and invoicing services. The team plans to allow third parties to develop additional modules that could be add other features to districts.

The team believes that the platform can be used to recreate many popular internet applications, while using a governance mechanism that lets individuals control the operations of markets they use. Using Aragon as a governance system the platform hopes to allow users to vote on the design, functionality, conduct, and revenue model for each district.

The platform launched in June 2017 and as of April 2018 had two live marketplaces; Ethlance, a freelance job board, and Name Bazaar, an auction site for .eth names registered on the Ethereum Name Service. These districts lack the full features that will be offered by the platform, like the governance features from Aragon.

Technology

District0x plans to offer a variety of applications that help developers build and operate districts. Using the District Creation Platform users will be able to customize the parameters of the smart contracts for their district. The team plans to use a modular directory similar to the Apple app store in order to allow for easy discovery and use of districts.

At the core of the platform is the d0xINFRA framework, which provides the basic infrastructure for a district. The framework provides underlying Ethereum smart contracts and front-end libraries that govern the deployment of new districts and provide baseline functionalities. Each district uses a shared combination of d0xINFRA contracts and district-specific contracts to manage backend functionality. A similar model is used for front-end logic, allowing for flexible UI development.

In addition to the core functionalities the team plans to use auxiliary modules that can add further features. These modules can be developed by third-parties which charge a fee for use of their product. Districts will decide on a district-by-district basis what auxiliary modules are implemented via their governance process.

District0x plans to integrate governance on both the district and network wide levels using Aragon once the platform is launched and able to be integrated. Creation of a district on the district0x network would trigger the creation of a deposit pool and corresponding entity on the Aragon network. This entity will allow for things like management of voting rights, role assignments, and accounting functionalities. New districts come with a suggested set of bylaws and parameters when they are created.

Currently district0x creates and deploys new marketplaces based on feedback from token holders. Once the platform is fully built the team plans to hand over all governance to token holders. At this point anyone can create a district and apply to the District Registy, which will be a whitelist of projects approved to access the network. In order to apply for inclusion districts will be required submit a proposal for their district and deposit district0x network tokens (DNT) to the registry smart contract as a deposit.

If an application goes unchallenged, meaning there are no objections to inclusion, the district will be created and an Aragon entity will be established. The original deposit will be sent to this entity to establish voting rights for the district.

If the district is challenged a vote will occur during which time token holders can vote whether or not to include the new entity. In order to challenge an application a token holder would be required to stake DNT equal to the amount deposited by the applicant. If voters decide not to include a new district, the applicant forfeits their tokens, which will be distributed to the voters that voted for the winning side (e.g. the side that voted not to include). If a challenge fails, and the district is accepted, the challenger will forfeit their deposit.

Distribution

District0x created 1 billion DNT through their genesis contract. The project plans to run a multi-stage contribution and distribution period for these tokens. The first token sale, dubbed v0.1 by the team, ran from June 18 to Aug. 1, 2017 and raised 43,169 ether, worth approximately $9.8 million at the time. During the sale 600 million tokens, or 60% of total supply, were distributed. District0x has reserved 140 million for sale v0.2 which may occur in early 2019, and 40 million for sale v0.3 which has no planned date.[1]

The remaining tokens were allocated between founders, advisors, and early contributors. Founders received 200 million DNT, representing 20% of overall supply, which are subject to a two year vesting period. Advisors received 15 million DNT, or 15% of supply, with the same vesting schedule. Early contributors were allocated 5 million tokens which were subject to a six month vesting period.

District0x network tokens are intended to be used strictly for governance, with transactions taking place in other tokens like ether.

[1] Source: https://blog.district0x.io/district0x-network-fundraiser-recap-d0437c939bc1

Team

Matus Laston
Technical lead and co-founder

- Founder of Ethlance

Joe Urgo
Operations lead and co-founder

- Founder of Sourcerers.io

- Previously operations manager at Coinbase

Advisors

Luis Cuende
Founder of Aragon

Carl Bennet
Founder of Status

Brayton Williams
Founding partner at Boost Capital

Vincent Zhou
Founding partner at FinTech Blockchain Group

Investors

Boost VC

Additional Resources

- District0x Roadmap

- Blog: Weekly Updates

- Ethlance

- Name Bazaar

- YouTube: District0x in a Nutshell