

INTRODUCTION

The SpectrumNetwork Token Sale like the project itself, has been designed to achieve a fair outcome for participants and investors alike. This paper constitutes the announcement of the initial Spectrum token generation and aims to describe the economics of the SpectrumNetwork token ecosystem.

From the token price to the mechanism of token dispersal and finally up to the final stage are well designed to be utilized in multiply ways. The pre-sale is scheduled for the 30th of July 2018. We have two main objectives which will be treated as top priority, guiding the purchase of SPEC tokens in a fair manner. These two main objectives are:

- ✚ Provide an equal opportunity token distribution of 50% from the total public supply to a wide range of our community members.
- ✚ Limit purchase per one individual to 50-100ETH.

SpectrumNetwork is an open source prototype project, first of its kind globally, designed initially to act in the interest of common world citizens for public good. For decades, improvement in the GIS ecosystem; which basically involves spatial data management, sale, display and usage: has been on the rise. A perfect blockchain based prototype was developed for infusing spatially referenced data within an ERC20-standard token, making location data decentralized, lighter, more accessible and inter-operable via a blockchain. SPEC tokens will bridge the gap between spatially referenced data, its collation and cost management by utilizing blockchain technology.

The promise of crypto is to enable fair and open economic systems; SpectrumToken was designed with this goal in mind. Our utility tokens (SPEC) will be able to build inexpensive, reliable and easy to use blockchain based systems that will enable common people map and interact with spatial data with affordable devices at almost no charge, thereby removing the dependence on middlemen and phase out the sole centralized approach by regulatory bodies in the future. SpectrumNetwork, like other successful crypto projects, will generate support from the community through demonstrating alignment with these principles. In accordance with this the sale will be open to any interested party, and we will not offer volume-based discounts.

HOW IT WORKS

All tokens are equal, with no classes or statuses. Cryptoeconomics is about incentives, so it is imperative that users are incentivized and rewarded for maintaining the ecosystem. Critically, collateral holders must be rewarded. We believe these rewards will make SpectrumNetwork mechanism far more efficient and stable than other coins. Within SpectrumNetwork, the dynamics between participants are clear. The users of the system get value from both trading and holding the SPEC stablecoin. The dApp/spatial data users & holders are paid for providing this utility and ensuring that SPEC is in circulation and maximizing scarcity.

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DApp/spatial data users & holders will range from GIS service provider's private outfits, private persons, real estate, banks, buyers/sellers, land registrars, aviation outfits and host of others who would need to utilize our tokens in future transactions and partnerships on our platform. Our system is actually over-compensating to ensure that major market movements do not undermine the value of the circulating SPEC supply, hence keeping the demand and supply in check.

As SpectrumNetwork ecosystem grows, the demand for token will increase until the ecosystem is fully matured. When these are achieved, the transaction will become stable; hence the price of SPEC token will stabilize at its maximum potential.

The value of the SPEC pool will be established by the token sale. Once determined, this value dictates the maximum supply of circulating SPEC. Thus, it is essential to have a supply to satisfy demand, while also balancing the fee yield so the value of the SPEC increases as the network grows.

Fees are generated every time SPEC move between wallets. These fees are paid to all SPEC token holders. This incentivizes all SPEC holders. The transaction fees paid by SPEC users are expected to be extremely low.

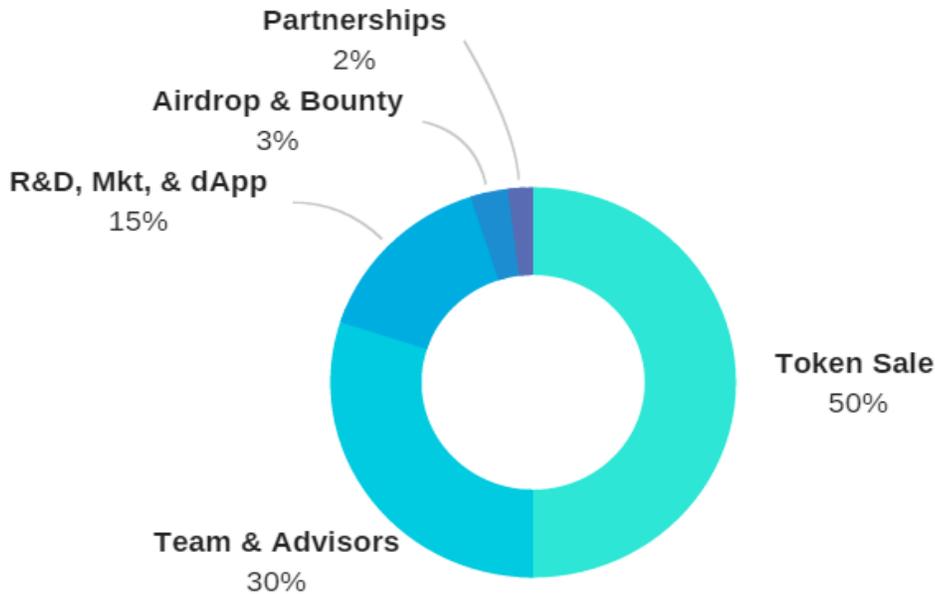
TOKEN SALE

The goal for the token sale is, as described above, is to ensure a fair distribution and establish a good SPEC pool value. A hard cap of \$1.4m USD will be applied to ensure the initial pool value is significant but still has room to grow in a fair manner, as the platform continues to mature.

Token Distribution

SEGMENT	AMOUNT	PERCENTAGE
Token Sale	500,000,000	50.00%
Team and Advisors	300,000,000	30.00%
Research, Marketing incentives, dApp testing and further platform development	150,000,000	15.00%
Airdrop and Bounties	30,000,000	3.00%
Partnership Incentives	20,000,000	2.00%
TOTAL SUPPLY	1,000,000,000	100.00%

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DISCOUNT MECHANISM

ESCROW PERIOD

PERCENTAGE

It is important to incentivize those who believe in the long term success of SpectrumNetwork. To achieve this we will offer bonuses to participants who elect to escrow their SPEC tokens for a fixed period.

18 months

20%

12 months

15%

The bonuses incurred for escrowing or holding will be as per the table to the right:

6 months

10%

3 months

5%

TOKEN SALE – continued

Participants will be able to choose a blend of escrow periods. So, as an example, someone might choose to escrow 50% of their tokens for 18 months and after the stipulated time, they are rewarded for holding that certain percentage — this would yield a bonus of 20% across their tokens. This approach is intended to reward commitment to the system.

TOKEN SPECIFICATIONS:

SPEC utility tokens are required to support SpectrumNetwork in decentralizing, distributing and disrupting geospatial data application, location analytics and public registry.

Participants interested in the token sale will be able to commit to a purchase and get their tokens immediately credited to their ERC20 ethereum wallet.

Symbol:	SPEC
Total Supply:	1,000,000,000 SPEC Tokens
Decimal:	18
Accepted Payment:	ETH
Sale Amount:	500,000,000 SPEC Tokens
Exchange Rate:	est \$0.005/1 SPEC
Softcap/Hardcap:	\$750,000/\$1,400,000
Private Sale:	No Private Sales
Pre-sale:	30/07/2018 - 20/08/2018
Public sale:	21/08/2018 – 11/09/2018
Token Contract Address:	0x259059f137cb9b8f60ae27bd199d97abb69e539b

AIRDROP & BOUNTIES

There had been an airdrop campaign prior to this sale. 15,000,000 SPEC Tokens will be distributed to the first 3000 participants who registered, exactly two (2) weeks after the pre-sale and public sale respectively. Bounties are also important for a successful promotion and eventually the sale, both to ensure a wide distribution of tokens and to ensure that users can trade their gained effort for the upside of the project. Bounty information can be found on our telegram, twitter and discord handles.

USE OF FUNDS

The funds raised in the sale will be used to support the development of the network and incentivize participants to integrate with the SpectrumNetwork protocol. The core development will be focused on the mechanism design to ensure stability over the long term. This includes significant efforts towards R&D into decentralized geospatial application and scalability. In addition to this, significant resources will be channeled towards our API, secure mobile/PC wallet and dApp development to ensure their interfaces are accessible and user friendly.

TEAM AND ADVISOR VESTING

All team tokens will be vested for over an [18] eighteen months period, advisors will vest for 12 months. This is to ensure that long term incentives are maintained.

CONCLUSION

The token sale has been designed to ensure that the network has sufficient funding to achieve the stated aims of the project, but without compromising the core tenets of fairness and egalitarianism. We believe this approach if executed well will generated significant interest within the community and allow for SpectrumNetwork to launch with strong network effects in place.