

# SUN WHITEPAPER

SUN is a social experiment filled with unlimited imaginations. It is a crucial component of the TRON DeFi. Together with the other developed decentralized finance (DeFi) projects, it enriches the whole TRON ecosystem. It may also take part in decentralized lending, insurance, liquidity, stable coins, etc.

SUN is completely initiated, driven and developed by the SUN community. All of SUN's functionalities will be implemented by open-source smart contracts, and is wholly operated by the community. The functionalities are developed based on community initiatives. All proposals and decision making are voted via SUN within the community, minority obeys majority.

SUN will be deployed to the TRON Virtual Machine with smart contract, becoming a nexus closely correlated with other existing DeFi projects.

## **SUN's Spirit**

Manifesting a long lasting, decentralized and a total community self-governance.

## **SUN's Vision**

We hope that it would be an utterly self-governed social experiment. The SUN community would initiate more bold, radical, yet sincere and vigorous discussions, or even put them into practice.

## **SUN's Future**

We are uncertain about SUN's future, yet we believe SUN's future is determined by SUN's community itself. The SUN community belongs to the SUN's beliefs, belongs to SUN's miner, belongs to SUN's HOLDER.

**YOU SHOULD NOT MISS THIS!**

There are no pre-mined, no reserves for the team, no venture capital (VC) or private investments. SUN could only be mined! We inherit Bitcoin's trait of absolute fair distribution on SUN.

## **I. SUN Issuance**

SUN is the digital asset, SUN in abbreviation, based on the TRC20, the technical standard used for tokens within smart contracts on the TRON blockchain. Total token supply is 19,900,730.

## II. SUN Distribution

The distribution of the SUN is completely decentralized via mining based on the smart contract. The only way to mine SUN is to stake TRX or TRC20 Tokens (include Liquidity Provider LP Tokens).

### 1. Mining Method

**Genesis Mining:** Stake TRX into SUN's smart contract. After the completion of Genesis Mining, the smart contract will reward SUN and refund all assets back to users' accounts, charging no handling fees.

**Regular Mining:** During Regular Mining, TRX, JST, USDT, SUN, USDJ, WIN, BTT, high-quality community projects, and liquidity mining pools will be set up. Users can participate in mining by staking different tokens.

### 2. Mining Timeline

SUN Genesis Mining will formally kick off on September 2, 2020 and ends on September 16, 2020, 2 weeks in total. Regular Mining of TRX staking mining pool will start right after the end of Genesis Mining, 16 weeks in total.

Genesis Mining starts at 2020/9/2 21:00 SGT

Regular Mining starts at 2020/9/16 23:00 SGT

We will celebrate the official launch date of SUN, 2020/9/16 by naming that day 'SUN Day'.

### 3. Mining Reward

**Genesis Mining:** Every week, 930,301 SUN will be mined. A total of 1,860,602 SUN can be mined in 2 weeks, equivalent to 9.34% of the total supply.

**Regular Mining:** There are TRX mining pool, TRC20 token mining pools and liquidity provider token mining pools.

**Regular Mining in TRX mining pool:**

The quantity of SUN obtained by users participating in mining is determined by the number of staked TRX and its lock-up duration. Users can participate in staking TRX, release their staked TRX, and claim the SUN at any time.

Daily Minable SUN of TRX mining pool is as follow:

TRX	SUN / Day	Period (HKT)	Status
TRX	10000	2020.09.16 23:00:00 -- 2020.9.30 23:00:00	
	3000	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	

**Regular Mining in TRC20 Tokens mining pool:**

The quantity of SUN obtained by users participating in mining is determined by the number of staked TRC20 Tokens and its lock-up duration. Users can participate in staking TRC20 Tokens, release their staked TRC20 Tokens, and claim the SUN at any time.

Daily Minable SUN of different TRC20 token mining pools are as follow:

TRC20 Token	SUN / Day	Period (HKT)	Status
SUN	3000	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	
JST	500	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	
USDT	500	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	

WBTT	500	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	
USDJ	500	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	
HT	1400	2020.9.23 14:00:00 -- 2020.10.8 14:00:00	
The number of daily minable SUN will not decrease.			

Related TRC20 token contract address:

SUN: TKkeiboTkxXKJpbmVFbv4a8ov5rAfRDMf9

JST: TCFL5dx5ZJdKnWuesXxi1VPwjLVmWZZy9

USDT: TR7NHqjeKQxGTCi8q8ZY4pL8otSzglJ6t

WBTT: TKfjV9RNKJJCqPvBtK8L7Knykh7DNWvnYt

USDJ: TMwFHYXLJaRUPeW6421aqXL4ZEzPRFGkGT

HT: TDyvndWuvX5xTBwHPYJi7J3Yq8pq8yh62h

#### Regular Mining in Liquidity mining pool:

During Regular Mining, the quantity of SUN obtained by users participating in mining is determined by the number of staked LP (Liquidity Provider) tokens and its lock-up duration. Users can participate in staking LP tokens, release their staked LP tokens, and claim the SUN at any time.

Daily Minable SUN of different LP token mining pools are as follow:

LP Token	SUN / DAY	Period (HKT)	Status
TRX-SUN-LP	49000	2020.09.16 23:00:00 -- 2020.9.30 23:00:00	
	7000	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	
TRX-JST-LP	39000	2020.09.16 23:00:00 -- 2020.9.30 23:00:00	
	3000	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	
TRX-USDT-LP	29000	2020.09.16 23:00:00 -- 2020.9.30 23:00:00	
	3000	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	
TRX-WBTT-LP	1500	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	
TRX-WIN-LP	1500	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	
TRX-USDJ-LP	1000	2020.9.30 23:00:00 -- 2020.10.14 23:10:00	

TRX-HT-LP	600	2020.9.23 14:00:00 -- 2020.10.8 14:00:00	
The number of daily minable SUN will not decrease.			

Related LP token contract address:

TRX-SUN-LP: TUEYcyPAqc4hTg1fSuBCPc18vGWcJDECVw  
 TRX-JST-LP: TYukBQZ2XXCcRCReAUguyXncCWNY9CEiDQ  
 TRX-USDT-LP: TQcia2H2TU3WrFk9sKtdK9qCfkW8XirfPQ  
 TRX-WBTT-LP: TH2mEwTKNgtg8psR6Qx2RBUXZ48Lon1ygu  
 TRX-WIN-LP: TLa2f6VPqDgRE67v1736s7bJ8Ray5wYjU7  
 TRX-USDJ-LP: TQcia2H2TU3WrFk9sKtdK9qCfkW8XirfPQ  
 TRX-HT-LP: TLLBBiX3HqVZZsUQTBXgurA3pdw317PmjM

#### 4. Mining Fairness

**During the Genesis Mining period**, the mining reward will be distributed fairly according to the number of staked TRX over time. All mining rewards are calculated based on the smart contract implementation.

Formula: Amount of genesis-mined SUN the user receives = the share of SUN the user is entitled to \* total amount of genesis-mined SUN

In which:

Total Minable SUN in Genesis Mining = 1,860,602

Total amount of genesis-mined SUN = SUN total supply \* genesis-mined percentage

Share of SUN the user is entitled to = (amount of TRX the user staked \* lock-up duration) / (∑ amount of TRX staked by all users \* lock-up duration)

**For Example:** Assume there are 1860602 SUN mined during the Genesis Mining, and there are 3 people participating: A, B & C.

A staked 10,000 TRX to the smart contract on DAY 1.

B staked 20,000 TRX to the smart contract on DAY 6.

C staked 50,000 TRX to the smart contract on DAY 9.

When the Genesis Mining ends, the mining rewards they receive are as follow:

A staked period: 14 days

B staked period: 9 days

C staked period: 6 days

Mining Contribution weighted with time =  $10,000 * 14 + 20,000 * 9 + 50,000 * 6 = 620,000$

A's Mining Contribution Ratio =  $10,000 * 14 / 620,000 = 22.58\%$

B's Mining Contribution Ratio =  $20,000 * 9 / 620,000 = 29.03\%$

C's Mining Contribution Ratio =  $50,000 * 6 / 620,000 = 48.39\%$

Finally, the amount of their SUN reward would be:

A's mining reward:  $1,860,602 * 22.58\% = 420,123.93$  SUN

B's mining reward:  $1,860,602 * 29.03\% = 540,132.76$  SUN

C's mining reward:  $1,860,602 * 48.39\% = 900,345.31$  SUN

## 5. Mining Security

The smart contract of SUN has already been audited by professional security audit authorities. The source code of the smart contract will be publicly disclosed when the project launches, assuring that there will be no security risk involved in staking different assets to the smart contract.

## III. Roadmap

### Phase 1: Genesis Mining

Following the implementation of the smart contract, the mining reward **will not be** decreased. The staked TRX **cannot be** unstaked until the end of the Genesis Mining period. A one-off SUN reward will be distributed after the completion of Genesis Mining in 24 hours.

### Phase 2: Regular Mining

Following the implementation of the smart contract, the staked TRX **can be** unstaked anytime, and claim the SUN reward in real time.

### Phase 3: Ecosystem Docking

Docking to numerous DeFi projects within the TRON ecosystem.

### Phase 4: Community Self-Governance

SUN holders are able to govern the SUN community themselves. The more SUN you own, the greater power you have.