

# 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, 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 19900730.

## 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 other Liquidity Provider of different tokens pairs (JST/TRX, USDT /TRX, SUN/TRX).

### 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:** At this stage, TRX, JST, USDT, SUN, high-quality community projects, and some 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 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 of SUN 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:**

14-Day Regular Mining in TRX mining pool:

Daily minable SUN in TRX mining pool: 10,000 SUN

14-Day Regular Mining in other mining pool:

Daily minable SUN in SUN/TRX liquidity mining pool: 49,000 SUN

Daily minable SUN in JST/TRX liquidity mining pool: 39,000 SUN

Daily minable SUN in USDT/TRX liquidity mining pool: 29,000 SUN

### 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 Mined SUN in Genesis Mining = 1860602

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) / ( $\sum$  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 10000 TRX to the smart contract on DAY 1.

B staked 20000 TRX to the smart contract on DAY 6.

C staked 50000 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 =  $10000 * 14 + 20000 * 9 + 50000 * 6 = 620000$

A's Mining Contribution Ratio =  $10000 * 14 / 620000 = 22.58\%$

B's Mining Contribution Ratio =  $20000 * 9 / 620000 = 29.03\%$

C's Mining Contribution Ratio =  $50000 * 6 / 620000 = 48.39\%$

Finally, the amount of their SUN reward would be:

A's mining reward:  $1860602 * 22.58\% = 420123.93$  SUN

B's mining reward:  $1860602 * 29.03\% = 540132.76$  SUN

C's mining reward:  $1860602 * 48.39\% = 900345.31$  SUN

**During the 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 withdraw the SUN at any time. During the 14-Day Regular Mining period, there are 10,000 SUN mined every day.

**During the Regular Mining in other mining pools.** The SUN mining reward will be allocated into 3 mining pools at JustSwap: SUN/TRX, JST/TRX, USDT/TRX. Users may provide liquidity in any of the above mining pools to participate in the 14-Day Regular Mining. Users can participate in the liquidity mining at any time, release the pledge and harvest the mined sun coins in real time.

Trading Pair	SUN	LP Contract Address
SUN/TRX	49000 sun/day	TUEYcyPAqc4hTg1fSuBCPc18vGWcJDECVw

JST/TRX	39000 sun/day	TYukBQZ2XXCcRCReAUguyXncCWNy9CEiDQ
USDT/TRX	29000 sun/day	TQn9Y2khEsLJW1ChVWFMSMeRDow5KcbLSE
The number of daily minable SUN will not decrease throughout the 14-Day Regular Mining.		

## 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 during the Regular Mining period. The SUN reward will be distributed right after you unstake your TRX.

## 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.