**Yield Distribution Mechanism for Token Holders**

Holders of your token will **earn passive yield** over time as the value of the token increases. The yield will be **distributed in SOL or USDT**, ensuring that holders benefit from the project’s growth without needing to sell their tokens.

**1. How Yield is Generated**

✔ **Mining Activities (Bitcoin, Crypto, Sustainable Energy)** → Generates revenue.

✔ **Treasury Reserves (BTC, ETH, SOL, USDT)** → Increases over time.

✔ **Staking or DeFi Pools** → Extra yield generation from liquidity pools.

✔ **Trading & Tokenized Asset Appreciation** → Growth in token value.

The total yield generated is then distributed back to token holders in **SOL or USDT**.

**2. Yield Distribution Formula**

Each token holder gets a proportional share of the total yield based on how many tokens they hold:

Holder\ Yield = \left( \frac{Tokens\ Held}{Total\ Supply} \right) \times Total\ Yield

Where:

• **Tokens Held** = The number of tokens the holder owns.

• **Total Supply** = The circulating supply of the token.

• **Total Yield** = The total profits generated by mining, treasury, and investments.

**3. Yield Payout Process**

✔ **Yield is calculated daily/weekly/monthly** (based on governance decision).

✔ **Smart contract distributes SOL or USDT** to token holders.

✔ **Payout is sent automatically** to the holder’s wallet address.

✔ **All transactions are logged on Solana** for transparency.

**4. Example Yield Payout**

✔ **User holds 1,000 SMT tokens** (out of 1,000,000 in circulation).

✔ **Total yield generated this month = $100,000 USDT equivalent in treasury.**

✔ User’s share = **(1,000 / 1,000,000) \* $100,000** = **$100 USDT**.

✔ **$100 USDT or SOL is automatically sent** to their wallet.

**5. Optional Enhancements**

✔ **Auto-Compounding Option** → Instead of payouts, users can **reinvest their yield** into more tokens.

✔ **Governance-Based Yield Adjustments** → DAO can vote on yield distribution frequency.

✔ **Tiered Rewards System** → Long-term holders get **higher yield multipliers**.

**6. Why This Works**

✅ **Encourages holding** – Users earn passive rewards without selling.

✅ **Sustainable model** – Yield comes from real-world mining & investments.

✅ **Blockchain transparency** – Every payout is logged on Solana.

✅ **Choice of payout** – Users can get yield in **USDT or SOL** based on preference.

This setup **creates a strong incentive to hold** the token while ensuring **stable, transparent, and automated yield payouts**.