Whitepaper: 死了么 Dielema

The On-chain Legacy Protocol

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1. Executive Summary

In the digital age, wealth is no longer just physical or held in centralized banks; it exists as private keys and cryptographic hashes. However, the decentralized nature of blockchain—the very thing that provides security—creates a "Lazarus Paradox": if a holder passes away without sharing their private keys, their assets are effectively burned, trapped forever in a digital void.

死了么 **(Dielema)** is a decentralized "Dead Man's Switch" protocol. It provides an automated, trustless inheritance solution, ensuring that your on-chain legacy is passed to your loved ones rather than being lost to the void.

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2. The Problem: The "Satoshi Silence"

The permanence of blockchain is a double-edged sword. It is estimated that millions of Bitcoin, including the legendary holdings of Satoshi Nakamoto (e.g., wallet 1A1zP1eP5QGefi2DMPTfTL5SLmv7DivfNa), are permanently inaccessible.

- **No Central Authority:** There is no "reset password" or "probate court" for a hardware wallet.
- **Privacy vs. Access:** Sharing keys while alive risks theft; not sharing them risks total loss upon death.
- **The "Check-in" Gap:** Existing inheritance solutions are often centralized, requiring lawyers or manual intervention, which defeats the purpose of DeFi.

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3. The Solution: The Dielema Vault

Dielema offers a non-custodial **Smart Vault** system. Users deposit their assets into a secure on-chain contract and define a set of "Successor Addresses."

How it Works:

1. **Deposit:** Users move assets (Solana, SPL tokens, and eventually multi-chain assets) into the Dielema Vault.
2. **Define Parameters:** The user sets a "Grace Period" (e.g., 180 days) and designates recipient addresses.
3. **Proof of Life (PoL):** The user must periodically interact with the contract to reset the timer.

4. **Automatic Distribution:** If the timer hits zero, the protocol assumes the user is deceased or incapacitated. The Vault automatically triggers a transaction, pushing all held assets to the designated successors.

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4. Proof of Life (PoL) Mechanism

The core of the system is the **Check-in** requirement. To prevent "zombie accounts" from holding assets indefinitely and to maintain the protocol's ecosystem, the PoL mechanism utilizes the **$DLM** token.

- **The Ritual:** To perform a "Proof of Life," a user must **burn 1 $DLM token**.
- **The Incentive:** This action proves the user still has control over their identity and intentions.
- **Deflationary Pressure:** Because tokens are burned with every check-in, the total supply of $DLM is constantly decreasing.

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5. Tokenomics: $DLM

Launched on **pump.fun (Solana)**, $DLM is the utility fuel for the Dielema ecosystem.

Feature	Details
Total Supply	1,000,000,000 (1 Billion)
Network	Solana (Expanding to Multi-chain)
Mechanism	Deflationary (Burn-on-Check-in)
Utility	Required for "Proof of Life" triggers

Economic Note: As the user base grows, the velocity of the $DLM burn increases. This creates a supply-crunch, rewarding early holders and long-term users of the protocol.

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6. Multi-Chain Expansion

While $DLM originates on Solana due to its high speed and low transaction costs, Dielema is designed for a multi-chain future.

- **Cross-Chain Bridges:** Using wormhole or similar technology, $DLM will be bridged to Ethereum, BSC, and L2s.
- **Unified Supply:** The total supply remains fixed at 1 billion across all chains. When $DLM is bridged, it is locked on the source chain and minted on the destination, preserving the deflationary mathematics.
- **Asset Support:** The Dielema Vault will eventually support inheritance for any EVM or SVM-compatible asset.

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7. Roadmap

- **Phase 1:** Launch $DLM on pump.fun and establish the community.
- **Phase 2:** Beta release of the Dielema Vault on Solana Mainnet.
- **Phase 3:** Security audits and "Successor Notification" UI.
- **Phase 4:** Multi-chain bridge and expansion to Ethereum/L2.

Don't let your wealth die with you.

Dielema: Your Legacy, Secured On-chain.