

Sarcophagus Protocol - Pitch Deck

VeBetterDAO dApp Grant Application

Problem Statement

The \$68 Trillion Inheritance Crisis

Market Size:

- **\$68 trillion** in wealth transfer expected by 2030 (Cerulli Associates)
- **70%** of Americans have no digital inheritance plan (AARP)
- **\$58 billion** in cryptocurrency lost due to death without recovery mechanisms

Current Pain Points:

- **Traditional inheritance** is slow (6-18 months) and expensive (3-7% fees)
- **Digital assets** are frequently lost when owners die unexpectedly
- **No incentives** for long-term planning and sustainability
- **Complex legal processes** create family disputes and delays
- **NFTs and digital collectibles** lack inheritance protection mechanisms

Why It Matters:

- Families lose generational wealth due to poor planning
 - Digital assets (crypto, NFTs, digital accounts) are permanently lost
 - No sustainable incentive for long-term planning
 - Environmental impact of wealth destruction
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Our Solution

Sarcophagus Protocol

The World's First Environmental Inheritance Platform

Core Innovation:

- **Decentralized inheritance** on VeChain blockchain
- **Environmental rewards** through B3TR token incentives
- **Automated execution** through smart contracts
- **Advanced contingency planning** with survivorship periods
- **NFT inheritance protection** with whitelisting and value caps

Key Features:

- ☒ Multi-token vault (VET, VTHO, B3TR, OBOL)
 - ☒ NFT inheritance with whitelisting system
 - ☒ Environmental rewards for carbon offset
 - ☒ Contingent beneficiary system
 - ☒ Survivorship periods (0-365 days)
 - ☒ Guardian system for minors
 - ☒ Charity fallback options
 - ☒ 1% flat fee (vs 3-7% industry standard)
 - ☒ 0.5% OBOL withdrawal fee
 - ☒ 1500 OBOL hard cap on unclaimed rewards
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"Plan-2-Earn" Model

Sustainability-First Incentives

User Actions Rewarded:

1. **Create Inheritance Plans** - Earn B3TR for setting up digital inheritance
2. **Long-term Commitment** - Bonus rewards for maintaining vaults over time
3. **Environmental Impact** - Carbon offset rewards for early death scenarios
4. **Legacy Building** - Rewards for living beyond life expectancy
5. **Community Participation** - Rewards for helping others plan
6. **NFT Protection** - Rewards for securing digital collectibles

SDG Alignment:

- **SDG 13 (Climate Action)**: Carbon offset rewards
- **SDG 11 (Sustainable Cities)**: Long-term planning reduces resource waste
- **SDG 1 (No Poverty)**: Preserving generational wealth
- **SDG 10 (Reduced Inequalities)**: Democratizing inheritance planning

Reward Structure:

- **Daily OBOL rewards**: 0.01% APY (0.015% after 1 year)
 - **Carbon offset B3TR**: For early death scenarios
 - **Legacy bonus B3TR**: For living beyond expectancy
 - **Grandfathering benefits**: For inheritance recipients
 - **NFT rewards**: OBOL earned on locked NFTs (whitelisted collections)
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Target Market

Primary Demographics

Demographics:

- **Age**: 35-65 years old
- **Income**: Middle to high net worth individuals
- **Location**: Global (VeChain ecosystem focus)
- **Lifestyle**: Tech-savvy, forward-thinking, environmentally conscious

Psychographic Profile:

- Digital asset holders (crypto, NFTs)

- Estate planning conscious
- Environmental sustainability minded
- Family-oriented with dependents
- Tech-forward early adopters
- NFT collectors and digital art enthusiasts

Market Size:

- **2.3 billion** crypto users globally
- **70%** without inheritance plans
- **\$68 trillion** wealth transfer by 2030
- **\$40 billion** NFT market (2023)

Competitive Advantage

First-Mover in Environmental Inheritance

Competitors:

- **Safe Haven** (VET) - Basic inheritance, no rewards
- **Legacy** (Ethereum) - Traditional inheritance, high fees
- **SafeDeal** (BSC) - Limited functionality, no environmental focus

Our Differentiation:

1. **First Environmental Inheritance Platform** - B3TR rewards for sustainability
2. **VeChain Native** - Optimized for VET ecosystem
3. **Advanced Contingency Planning** - Survivorship periods, contingent beneficiaries
4. **NFT Inheritance Protection** - Whitelisted collections with value caps
5. **Lower Fees** - 1% vs 3-7% industry standard
6. **Automated Rewards** - Passive earning through planning
7. **Guardian System** - Minor beneficiary protection
8. **All-Token Rewards** - OBOL earned on all locked assets including NFTs

Unique Value Propositions:

- **Environmental Impact:** Carbon offset rewards align with sustainability goals
- **Cost Efficiency:** 70% reduction in inheritance fees
- **Automation:** Smart contract execution eliminates delays
- **Flexibility:** Customizable survivorship periods and contingencies
- **NFT Protection:** Secure inheritance for digital collectibles
- **Comprehensive Coverage:** All digital assets in one platform

Business Model

Sustainable Revenue Generation

Revenue Streams:

1. **Inheritance Fees** - 1% flat fee on inheritance claims
2. **OBOL Withdrawal Fees** - 0.5% on OBOL token withdrawals
3. **NFT Inheritance Fees** - 1% on NFT inheritance transfers
4. **Premium Features** - Advanced planning tools (future)
5. **Partnership Revenue** - Insurance and legal service integrations

Value Generation:

- **Token Utility** - B3TR rewards create demand
- **Ecosystem Growth** - Drives VET/VTHO adoption
- **Data Insights** - Anonymous inheritance planning trends
- **Network Effects** - More users = more valuable network
- **NFT Ecosystem** - Drives adoption of VeChain NFTs

Sustainability:

- **DAO Governance** - Community-driven development
- **Token Economics** - B3TR rewards funded by protocol fees
- **Partnerships** - Insurance and legal service integrations
- **Hard Caps** - 1500 OBOL limit prevents inflation








Projected Revenue:

- **Year 1:** \$750K (15,000 users, avg \$50 inheritance)
- **Year 3:** \$7.5M (150,000 users, avg \$500 inheritance)
- **Year 5:** \$35M (700,000 users, avg \$1,000 inheritance)






Roadmap

6-12 Month Development Plan


Q3 2025 (Months 1-3):




-  Smart contract development (COMPLETED)
-  Security audits (COMPLETED)
-  NFT integration (COMPLETED)
-  Frontend development (COMPLETED)
-  Testnet deployment
-  Community feedback collection
-  Beta user onboarding

Q4 2025 (Months 4-6):

-  Mainnet deployment
-  Marketing and community building
-  Partnership development (insurance, legal)
-  Mobile app development
-  NFT marketplace integrations

Q1 2026 (Months 7-9):

-  Advanced features rollout
-  Cross-chain integration

-  Institutional partnerships
-  DAO governance implementation
-  Advanced NFT features

Q2 2026 (Months 10-12):

-  Global expansion
-  Regulatory compliance
-  Enterprise solutions
-  Ecosystem integrations
-  Cross-chain NFT support

Planned Features:

- Health tracking integration
- Insurance product partnerships
- Legal document automation
- Cross-chain asset support
- Mobile application
- Advanced analytics dashboard
- NFT valuation oracles
- Advanced beneficiary management

Team

Core Development Team

Lead Developer & Founder:

- **Role:** Full-stack blockchain development, smart contract expertise
- **Experience:** 3+ years smart contract development
- **Expertise:** VeChain ecosystem, inheritance planning, business development
- **Achievements:** Complete Sarcophagus protocol implementation with NFT support

Technical Advisors:

- VeChain ecosystem experts
- Smart contract security specialists
- Blockchain architecture consultants
- NFT and digital asset specialists

Legal Advisors:

- Inheritance law specialists
- Regulatory compliance experts
- International legal framework consultants
- Digital asset legal experts

Business Development:

- Partnership and growth strategy
- Marketing and community building
- Institutional relationship management
- NFT ecosystem partnerships

Funding Request

\$30,000 USD (paid in B3TR tokens)

Budget Allocation:

- **Development & Testing:** \$10,000 (33%)
- **Security Audits:** \$5,000 (17%)
- **Marketing & Community:** \$8,000 (27%)
- **Legal & Compliance:** \$4,000 (13%)
- **Infrastructure & Deployment:** \$3,000 (10%)

Milestone Timeline:

- **Milestone 1: Testnet Launch** - \$10,000 - by July 31, 2025
- **Milestone 2: Mainnet Deployment** - \$12,000 - by October 31, 2025
- **Milestone 3: Ecosystem Integration** - \$8,000 - by January 31, 2026

Expected ROI:

- **Direct Revenue:** \$750K+ in Year 1
- **Ecosystem Value:** \$7.5M+ in VET/VTHO/B3TR adoption
- **Social Impact:** Preserving billions in generational wealth
- **NFT Market:** \$40B+ market opportunity

Unique Selling Proposition

Why Sarcophagus Protocol?

1. First Environmental Inheritance Platform

- Aligns perfectly with VeBetterDAO's sustainability mission
- Carbon offset rewards create positive environmental impact
- Long-term planning reduces resource waste

2. VeChain Native Optimization

- Built specifically for VET ecosystem
- Optimized gas efficiency and transaction speed
- Seamless integration with existing VeChain dApps

3. Advanced Risk Management

- Survivorship periods prevent inheritance loss
- Contingent beneficiary system ensures asset preservation
- Guardian system protects minor beneficiaries
- NFT whitelisting prevents worthless asset farming

4. Cost Efficiency

- 70% reduction in inheritance fees
- Automated execution eliminates legal delays
- Smart contract transparency reduces disputes

5. Scalable Architecture

- Can handle global adoption
- Cross-chain integration ready
- Regulatory compliance built-in
- NFT ecosystem ready

6. Comprehensive Digital Asset Protection

- All major tokens supported (VET, VTHO, B3TR, OBOL)
- NFT inheritance with value protection
- Future-ready for new asset types



Call to Action

Join the Inheritance Revolution

For VeBetterDAO:

- **Strategic Alignment:** Perfect fit with sustainability mission
- **Ecosystem Growth:** Drives VET/VTHO/B3TR adoption
- **Innovation Leadership:** First environmental inheritance platform
- **Social Impact:** Preserving generational wealth globally
- **NFT Ecosystem:** Drives VeChain NFT adoption

For Users:

- **Secure Inheritance:** Protect digital assets for loved ones
- **Earn Rewards:** Passive income through planning
- **Environmental Impact:** Contribute to sustainability goals
- **Cost Savings:** 70% reduction in inheritance fees
- **NFT Protection:** Secure inheritance for digital collectibles

For Partners:

- **Insurance Integration:** Life insurance product partnerships
- **Legal Services:** Automated will and trust creation
- **Financial Advisors:** Estate planning tool integration
- **Environmental Organizations:** Carbon offset verification
- **NFT Marketplaces:** Inheritance protection partnerships



Contact Information

Project: Sarcophagus Protocol

Website: <https://vereavement.com>

GitHub: <https://github.com/yothatcool/sarcophagus>

Email: [Your Email]

Social: [Your Social Media]

Grant Request: \$30,000 USD (B3TR tokens)

Timeline: 12 months to full ecosystem integration

Impact: Preserving billions in generational wealth while promoting sustainability

"The future of inheritance is sustainable, secure, and smart."