Government DAO

Team Zero Knowledge 2023

The Future of Governance

How our Government DAO transforms the traditional model of state administration into a decentralized, transparent, and community-driven system

Overview

Why DAO	• Advantages • Disadvantages
Country as a DAO	• Can a country work as a DAO? • How to make it happen?
Let's build it!	• High level overview • Citizen interaction workflow
Takeaways	• Viability and sustainability • Practicality

Why DAO?

Advantages

Advantages

1. Increased Transparency and Accountability

Advantages

1. Increased Transparency and Accountability
2. Enhanced Participation and Representation

Advantages

1. Increased Transparency and Accountability
2. Enhanced Participation and Representation
3. Faster and More Flexible Decision-Making

Advantages

1. Increased Transparency and Accountability
2. Enhanced Participation and Representation
3. Faster and More Flexible Decision-Making
4. Reduction in Bureaucracy

Advantages

1. Increased Transparency and Accountability
2. Enhanced Participation and Representation
3. Faster and More Flexible Decision-Making
4. Reduction in Bureaucracy
5. Innovation and Creativity

Disadvantages

Disadvantages

1. Coordination Challenges

Disadvantages

1. Coordination Challenges
2. Resource Allocation and Capacity Issues

Disadvantages

1. Coordination Challenges
2. Resource Allocation and Capacity Issues
3. Conflict and Compliance Risks

Addressing these challenges

Addressing these challenges

1. Coordination Challenges

   Clear, **standardized protocols** for communication and decision-making across all units of the DAO.

   Unified platforms for data sharing and collaboration, ensuring everyone has access to the same information and tools

Addressing these challenges

2. Resource Allocation and Capacity Issues

   Smart contracts to **manage and distribute resources transparently** and equitably.

   Invest in **training and development** to level up the expertise across different units of the DAO.

Addressing these challenges

3. Conflict and Compliance Risks

   Clear procedures for conflict resolution, such as **mediation or arbitration systems**, that are accessible to all members.

   Design **balanced power structured** governance models that prevent power concentration

Overview

Why DAO	• Advantages • Disadvantages
Country as a DAO	• Can a country work as a DAO? • How to make it happen?
Let's build it!	• High level overview • Citizen interaction workflow
Takeaways	• Viability and sustainability • Practicality

Can a country work as a DAO?

Montevideo Convention

The state as a person of international law should possess the following qualifications:

1. A permanent population
2. A defined territory
3. Government
4. Capacity to enter into relations with the other states.

Montevideo Convention

The state as a person of international law should possess the following qualifications:

1. A permanent population
2. A defined territory
3. Government
4. Capacity to enter into relations with the other states.

"The political existence of the state is independent of recognition by the other states."

The realism of a government DAO project

How can it be implemented

How can it be implemented

1. Win an election

How can it be implemented

1. Win an election
2. Revolution

How can it be implemented

1. Win an election
2. Revolution
3. War

How can it be implemented

1. Win an election
2. Revolution
3. War
4. Micronations

How can it be implemented

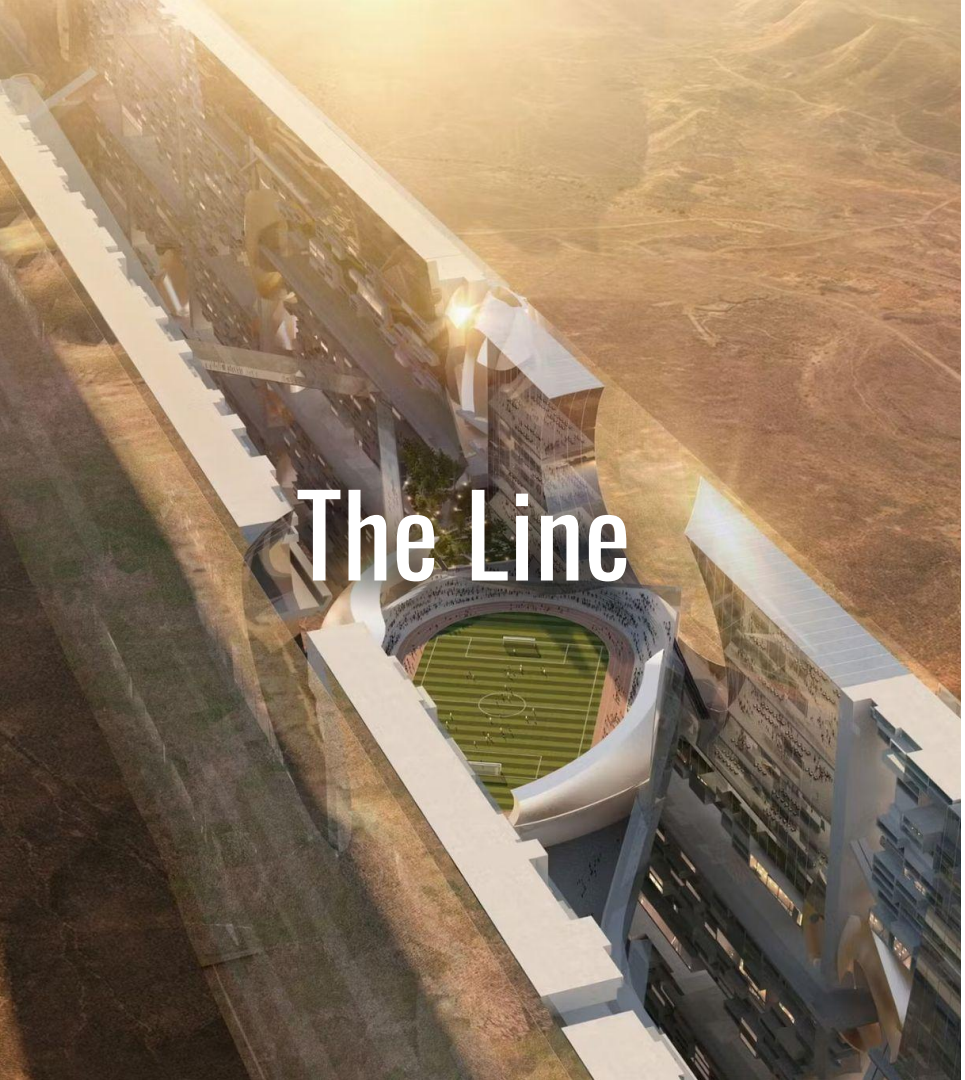
1. Win an election
2. Revolution
3. War
4. Micronations
5. Seasteading

How can it be implemented

1. Win an election
2. Revolution
3. War
4. Micronations
5. Seasteading
6. Space

How can it be implemented

1. Win an election
2. Revolution
3. War
4. Micronations
5. Seasteading
6. Space
7. Smart Cities (The Line)



A 170 km long linear smart city

No roads, cars or emissions, it will run on 100% renewable energy and 95% of land will be preserved for nature. People's health and wellbeing will be prioritized over transportation and infrastructure, unlike traditional cities.

Overview

Why DAO	• Advantages • Disadvantages
Country as a DAO	• Can a country work as a DAO? • How to make it happen?
Let's build it!	• High level overview • User interaction workflow
Features	• Viability and sustainability • The future of governance

Let’s build it!

Basic functionalities

Governance

1. Onboarding citizens
2. Token-Based Voting
3. Liquid Democracy
4. Proposal System

Basic functionalities

Economic System

1. Cryptocurrency
2. Decentralized Public Services

Basic functionalities

Legal System

1. Smart Contracts
2. Dispute Resolution

Interaction with the System

Digital Identity

Each citizen has a blockchain-based digital identity used for voting, accessing services, and transacting

Interaction with the System

DAO Interface

A user-friendly interface (app/website) for interacting with various aspects of the DAO - voting, proposals, services, etc

Incentives for Participation

Governance Tokens

Active participation in voting and governance rewards citizens with additional tokens, enhancing their influence

Incentives for Participation

Staking Rewards

Citizens can stake their cryptocurrency to support the network, earning rewards

Avoiding Centralization

Decentralized Leadership

No single leader or governing body; decisions are made collectively

Avoiding Centralization

Algorithmic Checks and Balances

Smart contract-based rules prevent any single entity from gaining too much power

Avoiding Centralization

Specialized DAOs

Instead of one big monolithic DAO, semi-independent, specialized DAOs

Risks and Anti-Fraud Mechanisms

Risk:

DAO Hacking

Solution:

Transparent Auditing

Bug Bounty incentives

Risks and Anti-Fraud Mechanisms

Risk:

- Fraudulent behavior

Solution:

- Educate people
- Legal and Regulatory
- DAOs

Overview

Overview

Overview

Core DAO

Overview

Core DAO

1. Maximum security and immutability

Overview

Core DAO

1. Maximum security and immutability
2. Prioritizes security over speed

Overview

Core DAO

1. Maximum security and immutability
2. Prioritizes security over speed
3. Global consensus on critical, system-wide issues

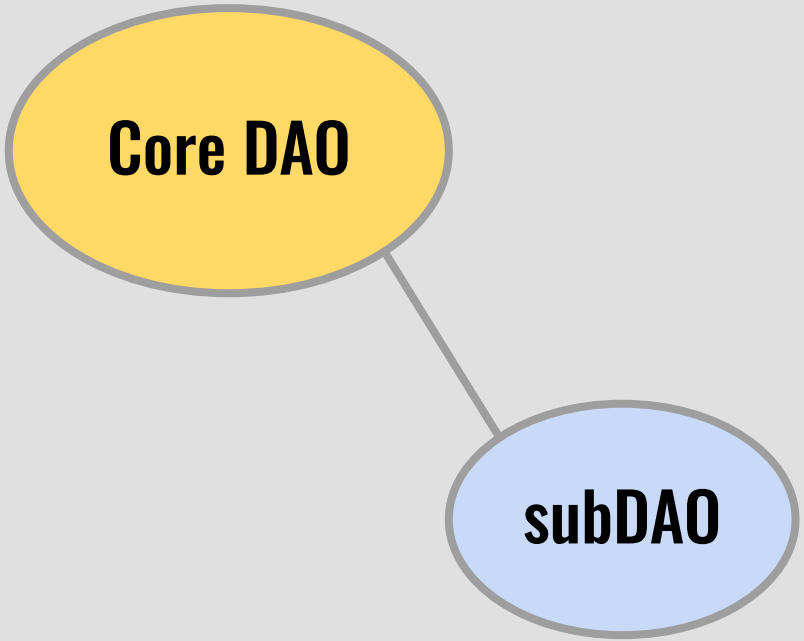
Overview

Core DAO

1. Maximum security and immutability
2. Prioritizes security over speed
3. Global consensus on critical, system-wide issues
4. Core DAO governance token

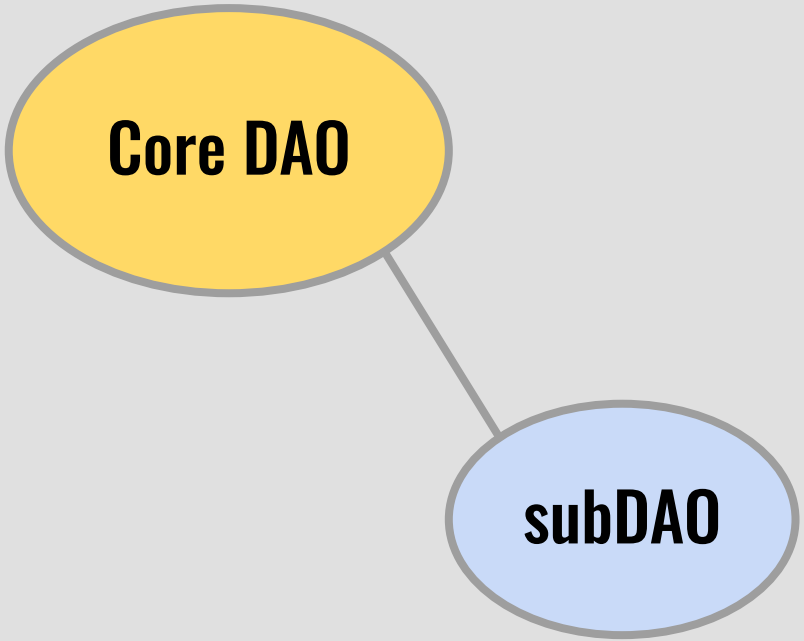
Overview

Overview



Overview

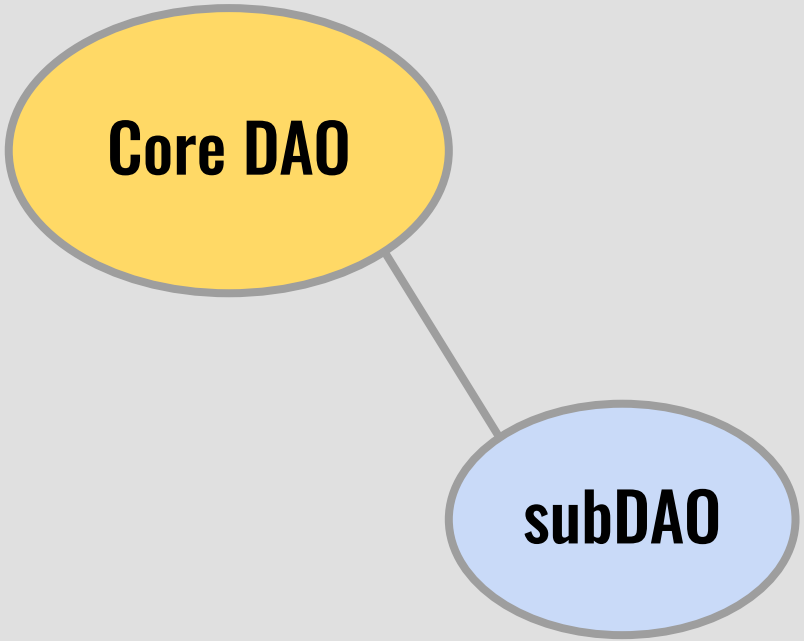
subDAO



Overview

subDAO

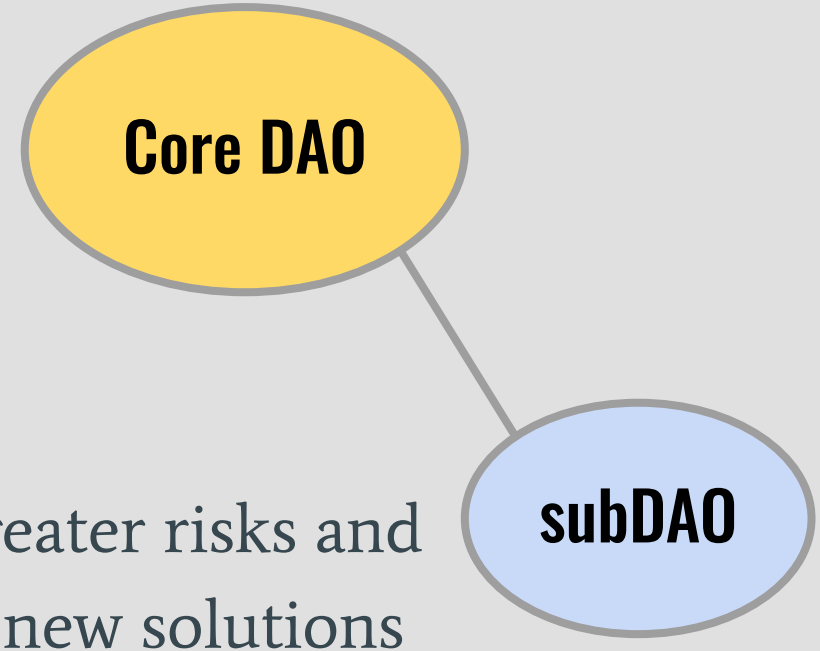
1. Speed and Agility



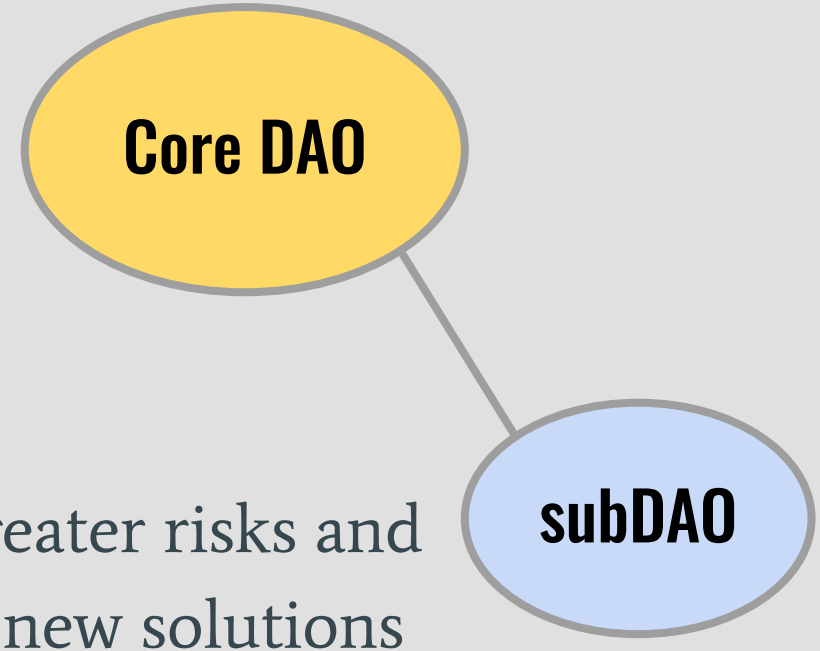
Overview

subDAO

1. Speed and Agility
2. Capable of taking greater risks and experimenting with new solutions



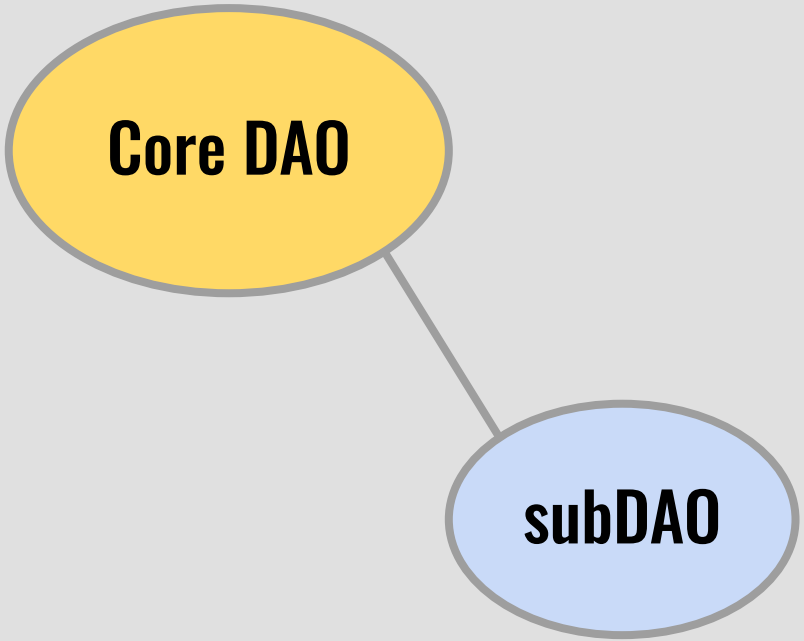
Overview



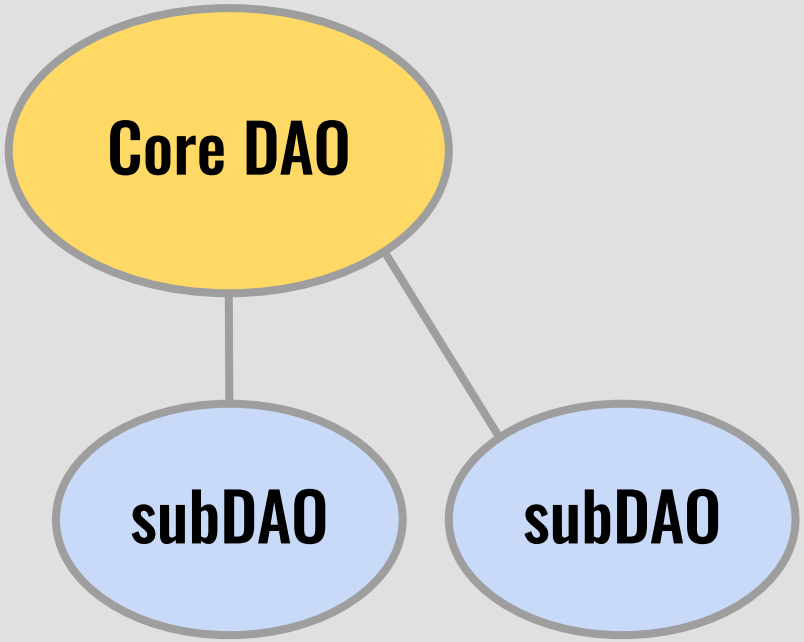
subDAO

1. Speed and Agility
2. Capable of taking greater risks and experimenting with new solutions
3. Focuses on specific functions or sectors

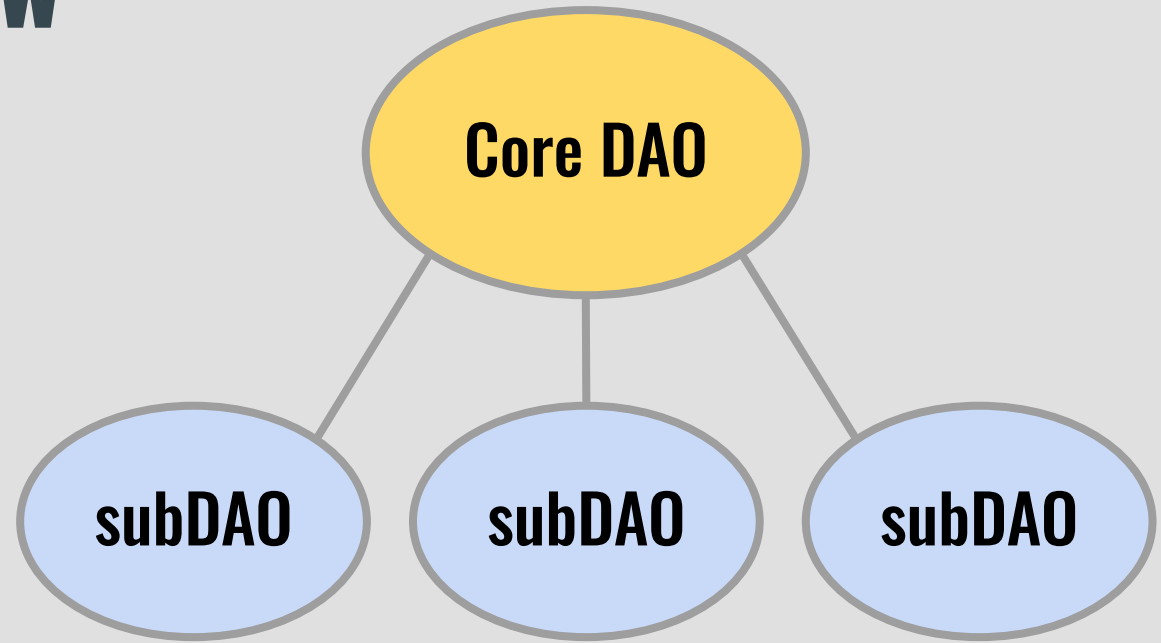
Overview



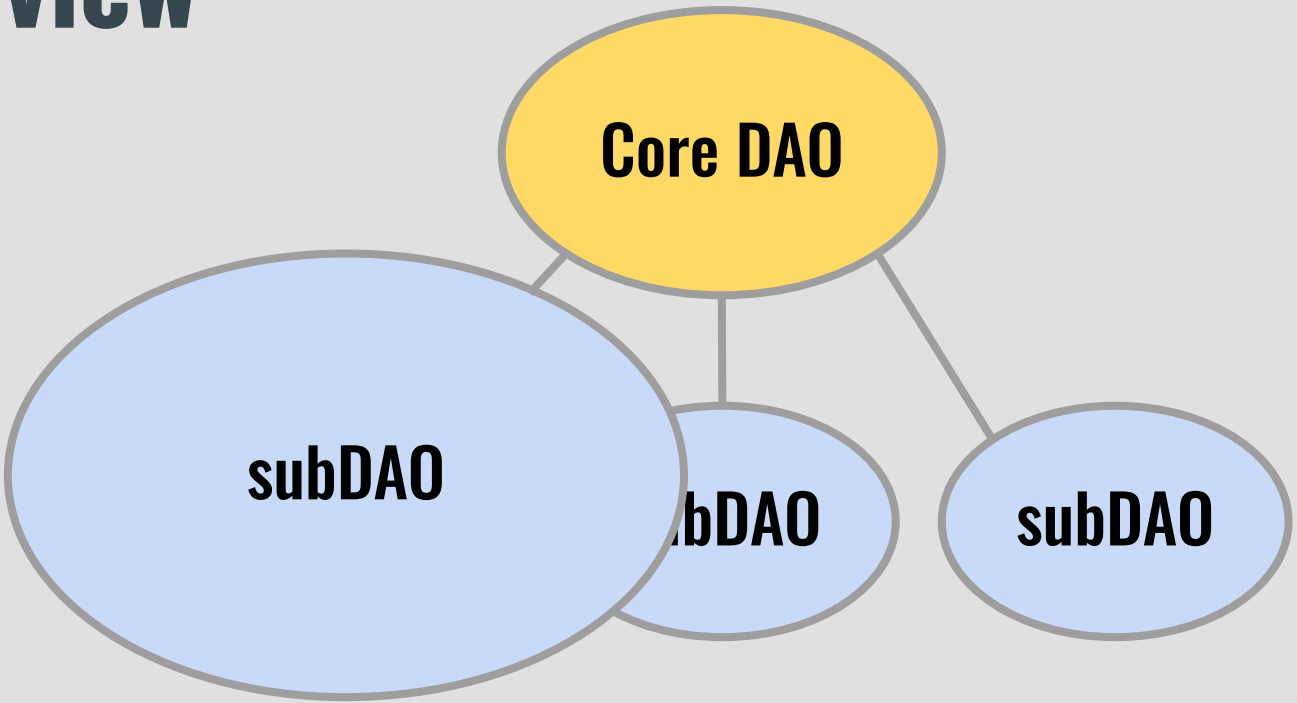
Overview



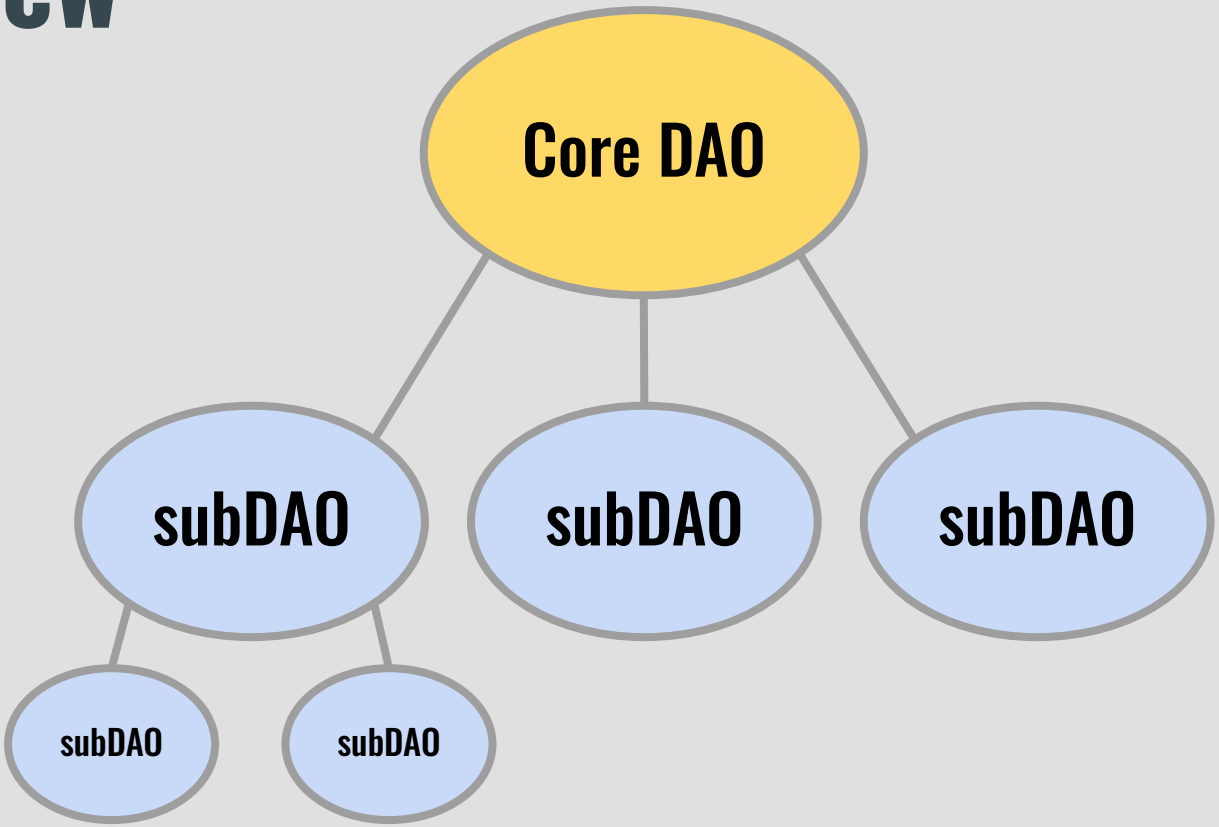
Overview



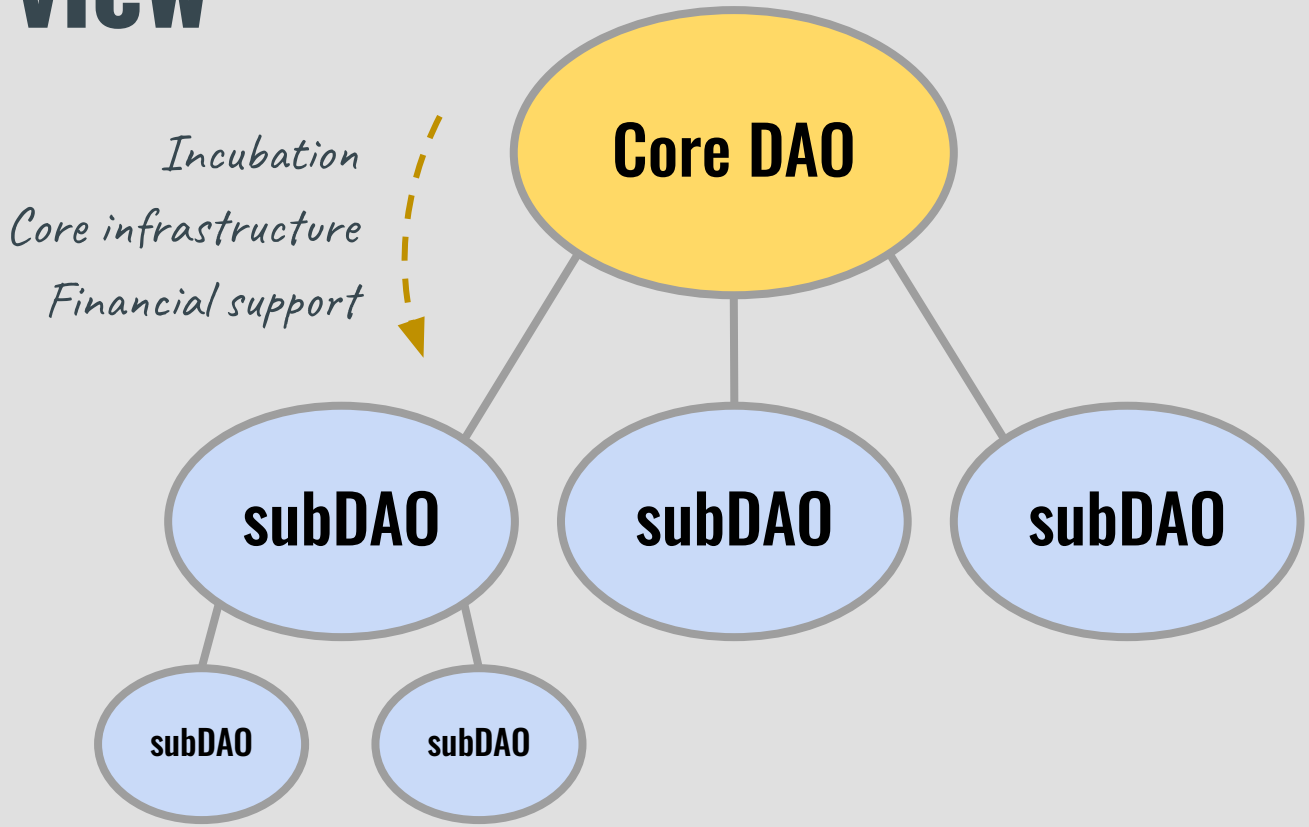
Overview



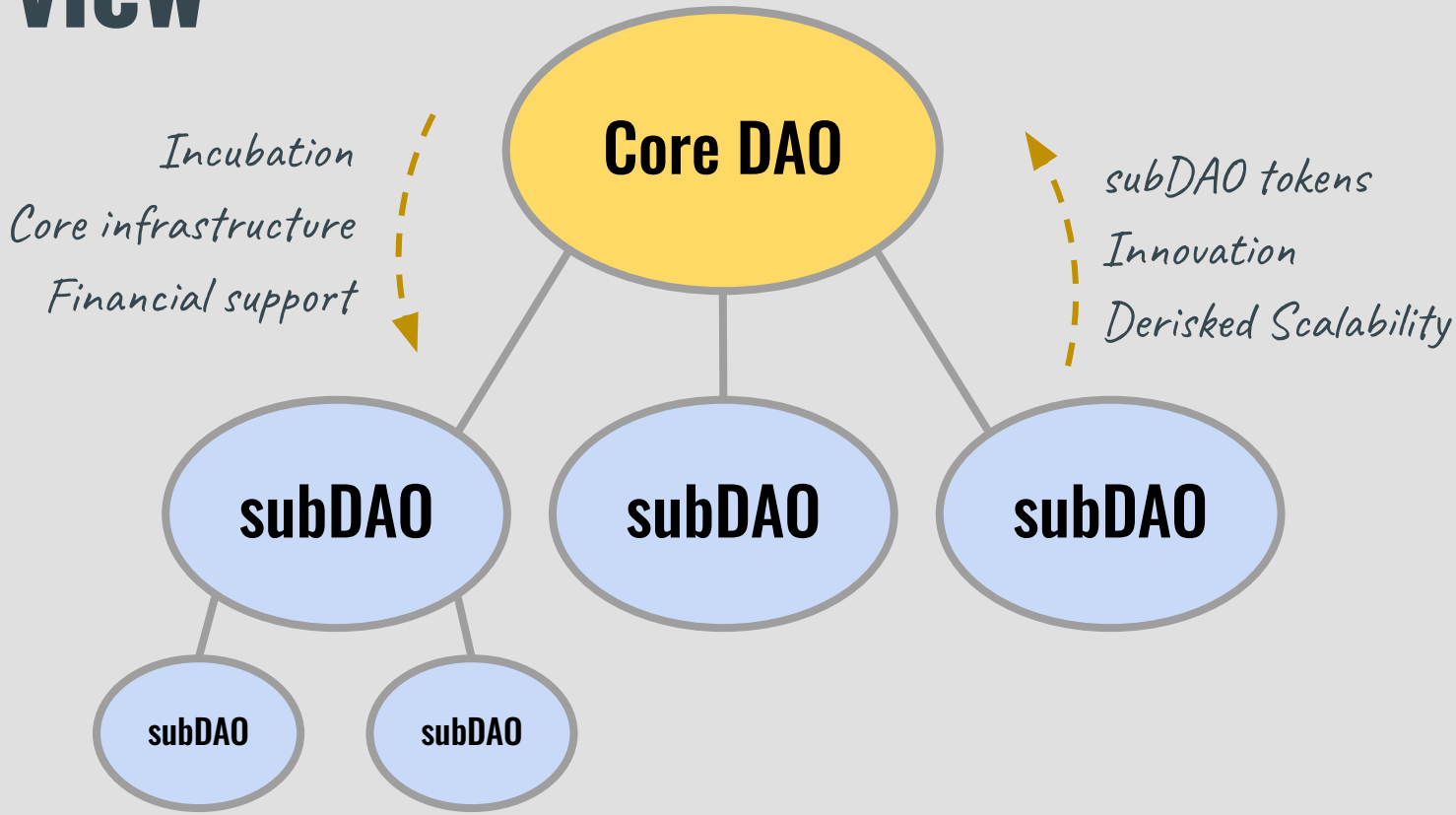
Overview



Overview


Incubation
Core infrastructure
Financial support
Core DAO
subDAO
subDAO
subDAO
subDAO
subDAO

Overview


Incubation
Core infrastructure
Financial support
Core DAO
subDAO tokens
Innovation
Derisked Scalability
subDAO
subDAO
subDAO
subDAO
subDAO

subDAO examples

subDAO examples

1. Regional Governance subDAOs

Manage local governance and decision-making for specific regions, cities, or districts, addressing local needs while aligning with national objectives

subDAO examples

2. Sector-Specific subDAOs

Focus on particular economic sectors or governance areas like healthcare, education, or finance, managing and innovating within these fields.

subDAO examples

3. Infrastructure and Urban Development subDAOs

Focus on infrastructure, urban planning, and public works, maintaining and developing physical and digital infrastructure.

subDAO examples

4. International Relations and Trade subDAOs

Manage foreign affairs, international trade, and diplomatic relations, acting as the DAO's international interface.

subDAO examples

5. Legal and Regulatory subDAOs

Oversee legal and regulatory compliance, ensuring adherence to laws and managing legal aspects of the DAO's operations.

User Interaction (DEMO)

Accessing services via a user-friendly interface

- Applying for citizenship
- Staking
- Participating in voting and decision-making
- Buying and selling properties

The Future of Governance

- Customizable Governance Frameworks
- AI-Powered Decision Support Systems
- Dynamic Voting Systems
- Education and Training Modules

Thank You
Team Zero Knowledge 2023