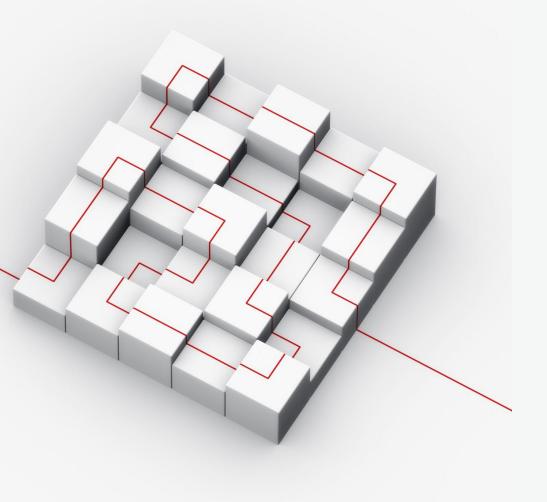
Potentials of Decentralized Autonomous Organizations: A Conceptual Model to Address Agency Conflicts in Traditional Corporations

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Introduction

This research explored the potential of DAOs in addressing agency conflicts within corporate structures.

The aim was to develop and evaluate a conceptual model that illustrates the governance concepts of DAOs and their potential impact on agency conflicts within centralized corporations

Current Situation & Problems

- Ineffective Traditional Mechanisms
- Lack of Transparency and Inclusivity
- Need for a New Approach

Problem Statement

- The problem addressed in this research is the lack of understanding and practical guidance on how the governance concepts of DAOs can potentially be leveraged to mitigate agency conflicts in corporations
- This lack of understanding hinders the effective implementation of DAOs in a corporate setting
 - DAOs are a new concept
 - No consensus on DAO's inclusion and design
 - Little literature on DAOs and Agency Conflicts
 - Limited guidance for corporations

Research Objectives

- Explore the potential of DAOs to address agency conflicts within corporations
- Develop a conceptual model that outlines principles that can be applied to design a DAO that mitigates agency conflicts within corporations
- Evaluate, refine, and validate the conceptual model through multiple expert interviews

Summary of Research Design

- Research Strategy: Design Science Research (DSR)
- Research Techniques: Literature Review and empirical investigation through semi-structured expert interviews



Synthesis of the Literature Review



Agency Theory highlights the conflicts of interest between principals and agents in corporations



DAOs are decentralized, blockchain-based organizations that can operate autonomously through smart contracts



DAOs have the potential to address agency conflicts in traditional corporations by leveraging their unique features

Advantages of DAOs

- Better decisions through inclusion and collective intelligence.
- Increased transparency, trust, and accountability.
- Increased participation and engagement.
- Better alignment of interests.
- More design space to create a customized governance model.
- Increased innovation and flexibility.
- Increased efficiency and reliability through automation.

Objectives of the Model

- Provide practical recommendations
- Consider the distinct characteristics of DAOs
- Provide a flexible and adaptable structure
- Offer a theoretical and practical foundation
- Create knowledge and insights

Suggested Model's Structure



Process



Expert: Zanganehpour

Expert: Teissonniere



Expert: Teissonniere



Expert: Klaus



Final Model

Prototype

First Evaluation

Second Evaluation

Third Evaluation

Expert Evaluations: Summary of Changes

Make the model more practical

Governance Best Practices → Agency Conflicts

Make the model more measurable

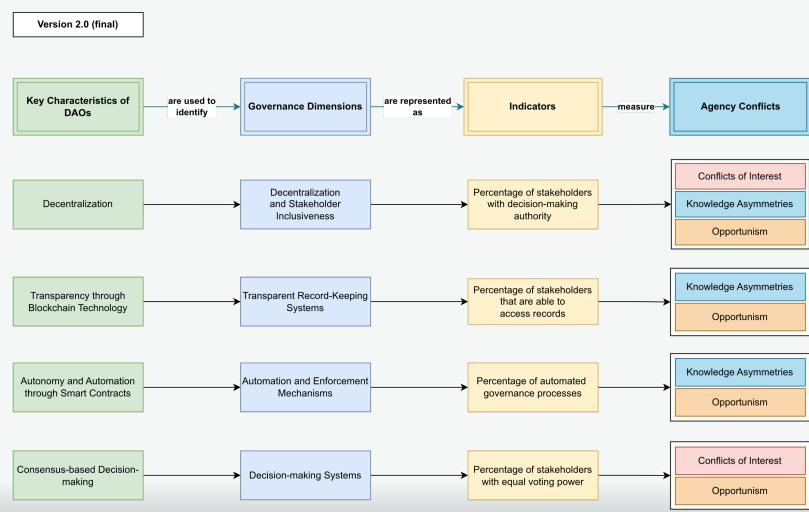
Advantages → Design Options → Indicators

Make the model more concise

Incentives → Transparency & Automation

Transparency Mechanisms -> Transparent Record-Keeping Systems

Result: 4-Layer Conceptual Model







Conclusion



DAOs present a promising solution to mitigate agency conflicts, but the transition process requires careful planning and to overcome resistance

The conceptual model can assist companies in designing a DAO governance system that addresses agency conflicts within the corporation

- Lacks empirical validation within corporations
- Is subject to real-world testing and validation
- Empirical validation of the conceptual model through
 - Case studies
 - Comparative studies
- Exploring the legal and regulatory challenges and implications of implementing DAOs in corporate settings

Limitations and Future Research Directions