The Dialectical Token (DIAL): Wisdom Mining Protocol

Contents

1. Summary

As AI centralizes under major tech companies, a multi-billion-dollar opportunity is emerging: the market for decentralized decision-making infrastructure. Just as Bitcoin created decentralized finance, DIAL creates decentralized wisdom - a new asset class that appreciates with every validated solution.

Dialectical AI Token transforms wisdom into tradable assets through a dialectical validation protocol. Our platform converts ideas and challenges into actionable roadmaps ("dialectic wheels"), ensuring that holistic thinking is not overridden by any type of dominance (Fig. 1).

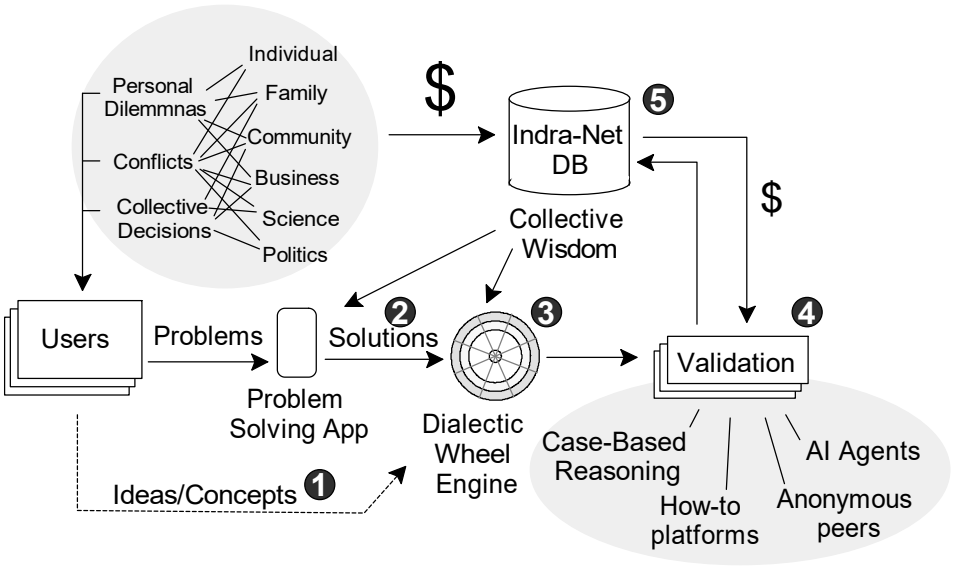

Fig. 1. Dialectical AI Value Creation Flow

These roadmaps can be refined and validated by AI agents and live peers, using strict semantic rules and case-based reasoning. Contributors who share ideas or help validate the roadmaps are compensated by users seeking solutions.

All validated roadmaps, along with contextual information (or references to it), are saved in the Collective Wisdom DB (Indra-Net) – a public concept graph and case history database accessible by participating agents for reasoning, validation, and training purposes

Dialectical AI has built-in protection of fairness through semantic interrelations between opposing viewpoints, unmasking biases from personal deceptions to mass manipulations. Through genuine wisdom capture, it offers an alternative to centralized AI - a training dataset owned and validated by value-oriented people. This positions dialectical AI in major markets including personal growth, conflict resolution, business strategy, and collective decision-making, representing a multi-billion-dollar opportunity.

2. Problem Statement

"Shortly, the public will be unable to reason or think for themselves. They'll only be able to parrot the information they've been given on the previous night's news." ~ Zbigniew Brzezinski

The more we progress technologically, the more we lose our ability to see the whole picture and make wise decisions. Every day, billions in value is lost through:

- Conflicts and poor decision-making
- Quick-fix solutions that create more problems
- Dependence on centralized systems

The root cause lies in the central power seeking to control the rest (Fig. 2).

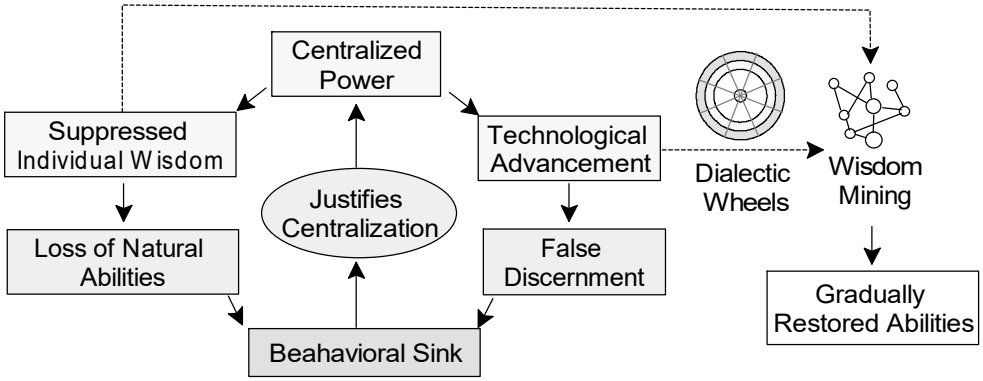

Fig. 2. The Centralization Trap and Escape Route

Any form of centralization inevitably suppresses individual wisdom and natural discernment. This leads to a "quick-fix" mentality and "behavioral sink" – inability to thrive amid material abundance. Paradoxically, this failure is then used to justify even more centralization, even though centralization itself created the original problem.

We propose to reverse this trend by using a dialectic framework that:

1. Enables a holistic view of any situation through identifying its cyclic nature
2. Provides a basis for blockchain mining of optimum solutions through semantic protocols
3. Creates a foundation for value-driven AI training through decentralized wisdom capture

Our approach emphasizes explainable AI (XAI) with transparent decision-making and human-centered values, aiming for gradual restoration of holistic thinking through incentivized participation.

3. Solution / Technology Overview

3.1. System Architecture

The protocol operates across four layers, adding a Wisdom/Dialectical layer on top of conventional data structures.

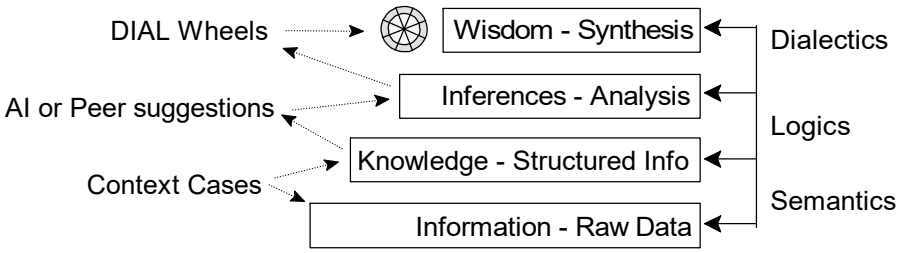

Fig. 3. Knowledge Synthesis Stack

The collective wisdom (Indra-Net) is stored as a semantic graph where:

- Validation proofs are recorded on the blockchain
- Graph structure is decomposable into subgraphs
- Public portions can integrate with existing websites via RDF
- It is growing and can be stored in a decentralized way using IPFS
- AI providers can use it for training/inference

The protocol operates through key participants, each combining three components: (1) User interface (human/service), (2) Local data store, (3) AI (LLM) access. Components may be distributed between local devices and cloud, enabling flexible implementation.

Participant	Description
Seeker	● Accesses local knowledge base, public collective wisdom and/or specialized subgraphs using AI ● No UX friction, same as using any LLM chat but enhanced by collective wisdom and dialectical reasoning ● System stores three types of information: (1) original contextual, (2) AI-suggested/validated solutions, and (3) dialectical wheel representations ● Pays network for AI usage and rewards for improved solutions
Synthesist	● Stakes tokens to submit "wisdom gems" (dialectic wheels) ● Uses AI/NLP to construct wheels, with rewards scaled to complexity ● Submits wheels for validation to collective wisdom DB

	• Pays validation fees, earns for validated submissions • Can discover and earn from derivative wheels in collective wisdom DB
Specialist	• Specializes in specific topics (e.g., conflict mediation, business strategy, etc.) • Acts as fine-tuned AI model in specialty domain, enabling enhanced wisdom discovery • Indexes portion of Indra-Net • Stakes tokens to provide storage and specialized queries • Earns for specialized query responses
Backer	• Stakes tokens based on trust in the specialist's domain expertise • Earns commission from specialist's answered queries

The wisdom mining protocol implements a 4-level problem-solving system:

- Converting problems into actionable roadmaps (dialectical wheels)
- Validating roadmaps through mining and ranking
- Networking for peer advice and database access
- Enabling collective decisions through iterative refinement

3.2. Dialectical Framework

The core invention is the dialectical wheel engine for assessing and visualizing the deeper meanings of statements that are inaccessible to conventional AIs (Fig. 4):

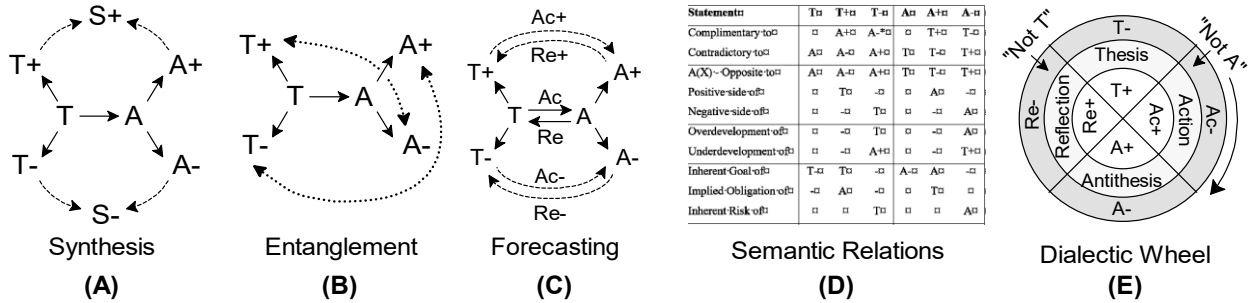

Fig. 4. (A) Two types of synthesis between thesis and antithesis. (B) Diagonal "entanglements". (C) Linear Causality. (D) Dialectic Wheel. For more details see Dialectical Ethics.

- Thesis (T) and Antithesis (A) identification, *e.g.* T = Love, A = Indifference or Hate.

- Positive aspects (T+, A+) revealing value, *e.g.* T+ (goal) = Happiness, A+ (obligation) = Autonomy.
- Negative aspects (T-, A-) revealing risks, *e.g.* T- = Dependence, A- = Unhappiness.
- Diagonal entanglements enforcing balance, *e.g.* T+ (Happiness) must be the semantic opposition of A- (Unhappiness), while T- (Dependence) must be the semantic opposition of A+ (Autonomy).
- Semantic relations and control statements mitigating hallucinations & deceptions (see below).

Key component meanings:

- Positive synthesis (S+): Creates new value dimensions
- Negative synthesis (S-): Forces false uniformity
- Action (Ac): Implementation pathways
- Reflection (Re): Learning and adaptation

This framework enables converting any concept into an actionable roadmap. Let's examine a more complex example that shows how this framework reveals deeper insights.

3.2.1. Example: Expanding Value Statements

Consider converting wisdom into a tradable asset without solving any problem. Example: what exactly does it mean to "stand for peace"? This could help to check if politicians are honest about peace, or to measure personal growth goals. Traditional AI approaches typically suggest superficial explanations like "Diplomacy", fostering a “quick-fix” mentality as opposed to systemic growth. Our analysis demonstrates three levels of insight (Fig. 5).

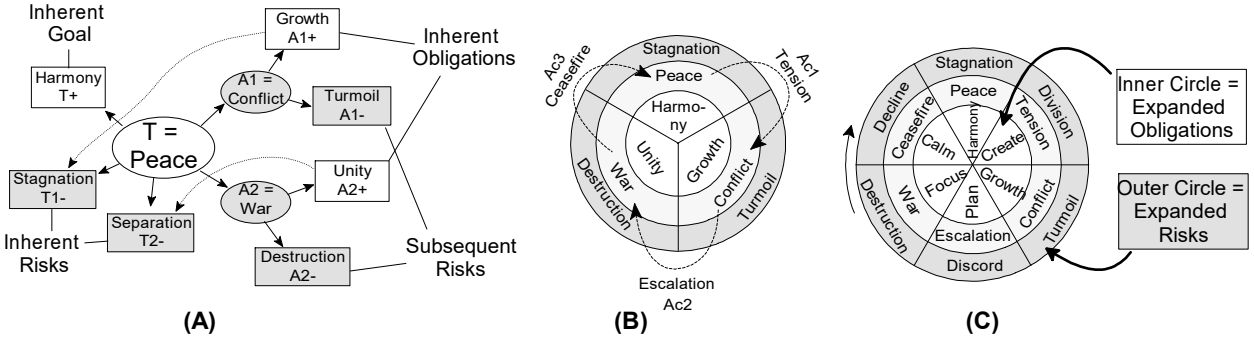

Fig. 5. Framework Application: Analysis of "Peace" as Goal

Scheme A generates dialectical components. Peace (T) yields two antitheses, Conflict (A1) and War (A2), that define two types of obligations:

- Inner Growth through Conflict Resolution (A1+)
- Unity through Disciplined Mobilization (A2+)

Oppositions to these define inherent risks of Peace: Stagnation (T1-, opposite to A1+) and Separation or Division (T2-, opposite to A2+). In other words, if you are not adhering to A+, then you are adhering to T-.

Scheme B unites all components into a roadmap, placing positive aspects closer to the center, and negative closer to the outskirts. It shows progression through intermediate steps (Ac1 = Tension, Ac2 = Escalation, Ac3 = Ceasefire) that apply to both political and personal contexts. Scheme C expands the latter steps, defining additional risks, goals, and obligations. Any of these concepts can be further analyzed using the same method. Convert any statements into a dialectical map for tracking personal development.

For more explanations and examples see the Dialectical Ethics and Moral Wisdom. This framework enables converting any thesis into a roadmap ("dialectic wheel") showing the major pitfalls and obligations.

As these examples show, the dialectical framework can uncover multiple layers of meaning and practical implications. However, to ensure the quality and validity of such analysis, we need a robust validation system.

3.2.2. Validation Scheme

The Dialectical Engine enforces stringent conditions for each component, ensuring both accuracy and continuous improvement. For instance, in the peace example, A1+ ("Inner Growth through Conflict Resolution") must satisfy the following:

1. Represent positive (balanced and constructive) aspect of A1 (Conflict)
2. Form semantic opposition to T- (exaggerated aspect of T = Stagnation)
3. Complement T+ (Harmony) to create positive synthesis
4. Represent the inherent obligation of T (Peace), that can transform it to T+ (Harmony).
5. Make sense in the following "Control Statements":
   - T+ without A+ yields T- (Harmony without Inner Growth yields Stagnation).
   - A+ without T+ yields A- (Inner Growth without Harmony yields Turmoil).
   - Ideal T yields T+ and A+ (Ideal Peace yields Harmony and Growth).
   - Misguided T risks yielding T- and then A- (Misguided Peace yields Stagnation and Turmoil).

More stringent requirements are imposed on the Action (Ac) and Reflection (Re) components that represent the actual solutions to the problem. For instance, Ac1+ (Creation) must:

1. Transform T- (Stagnation) into A1+ (Growth);
2. Represent positive aspect of Ac1 (Tension)
3. Oppose Re1- (equal to Ac1- = Destruction);
4. Complement Re1+ (equal to A2+ = Unity & Focus);
5. Satisfy numerous Control Statements, such as "Ac+ without Re+ yields Ac-", and "T+ and A+ are complimentary only when Ac+ and Re+ are complimentary".

Additional conditions arise from established ethical AI frameworks (IEEE, EU, UNESCO) emphasizing autonomy, dignity, and mutual enhancement. The validation scope can be extended to:

- Personal abilities and inclinations
- Cultural and spiritual traditions
- Economic and environmental principles
- Social justice and public health
- Educational and professional ethics

These diverse validation criteria enrich wisdom mining while maintaining mutual compatibility. In cases of conflict, our protocol prioritizes semantic rules and human-centric values over centralized agendas. This hierarchy helps unmask hidden biases through stringent dialectical analysis.

Given their complexity and multiplicity, these criteria require incremental validation rather than single-prompt solutions. For example, the proposed Ac1+ = Creation is too vague to meet our first condition of transforming Stagnation into Growth. Therefore, we implement staged validation (Fig. 6).

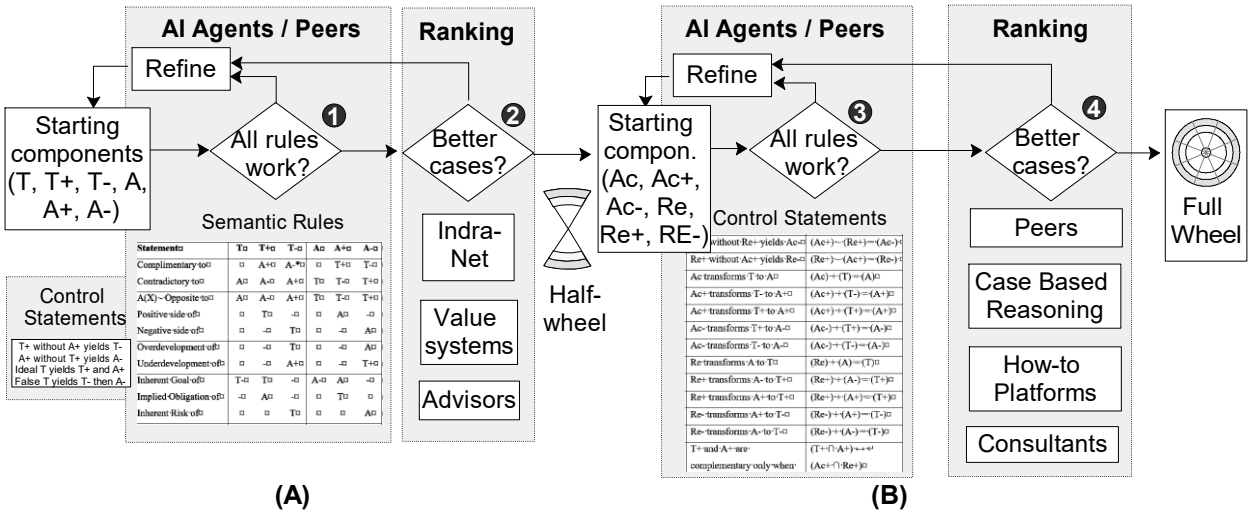

Fig. 6. Major Validation Steps

The first step ensures that each of the starting components (T, T+, T-, A, A+, A-) obey above-mentioned rules.

The second step ranks suggestions, by first expanding the list with the most relevant matches from previous entries in the collective wisdom database and then voting by independent peers and agents. When necessary, one may impose weights based on adherence to cultural/humanistic values, as the definition of positive and negative aspects may touch on sensitive issues.

The third and the fourth steps repeat the same procedures for the Ac and Re components, which are generally more difficult to define due to their relation to practical problem-solving. (On the contrary, the T and A components are usually more tied to some moral/value propositions.). So, integration with various “How-To” platforms and “Case-Base” compilations will be very useful.

3.3. Problem Solving App

The simplest level of decision-making involves a networking app that allows posting problems, arguments, sub-arguments, inviting peers and agents, voting, ranking, and deciding, with the Dialectical Engine being used behind the scenes to generate the arguments (Fig. 7).

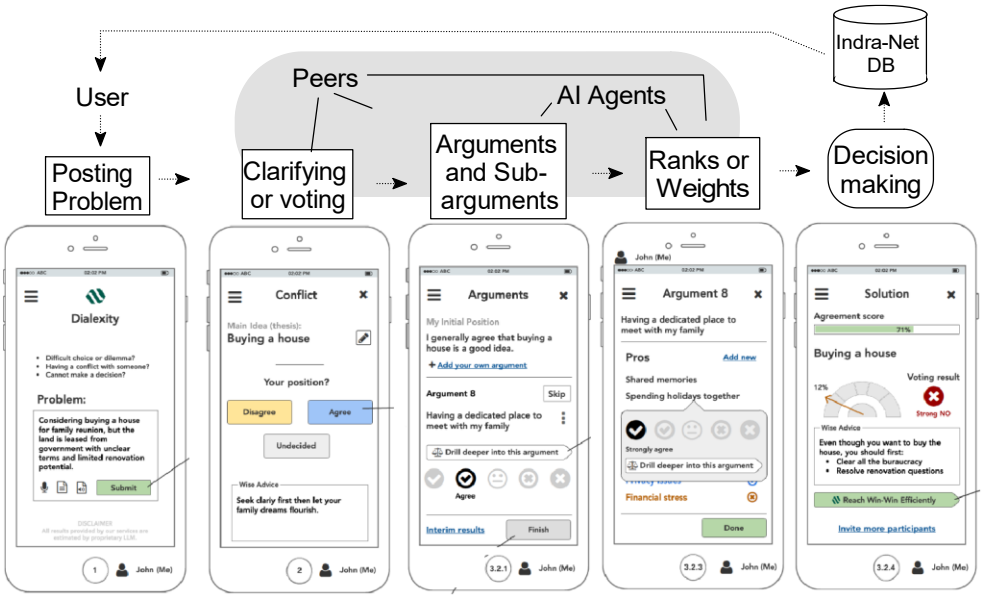

Fig. 7 The simplest decision-making app.

Most problems can be effectively addressed through standard AI analysis and suggestions. The dialectical engine primarily serves to enhance these solutions by providing additional strategic context and revealing deeper relationships. Full dialectical mining and validation are typically reserved for more complex cases where standard AI approaches prove insufficient.

3.3.1. Multiple Stakeholders

If several concepts confront each other, they are combined into a single wheel (Fig. 8).

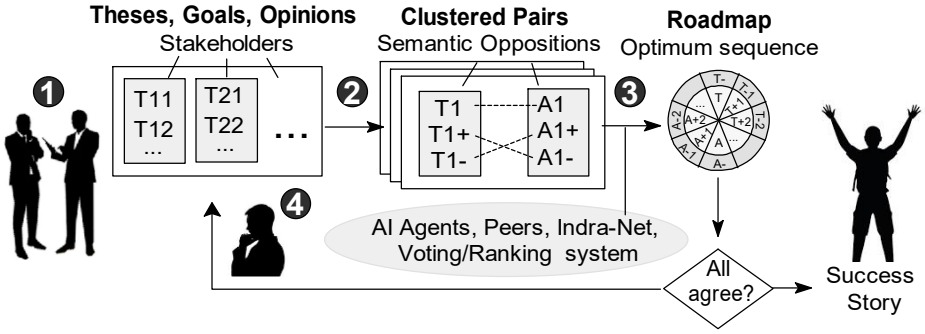

FIG. 8 The major steps of solving any problem.

The 1st step implies that all stakeholders post their arguments and opinions. Each argument may be scrutinized and ranked by others as was shown in Problem Solving App.

The 2nd step groups the most important arguments according to similarities and converts them into half-wheels.

The 3rd step validates half-wheels, arranges them into optimum sequence(s), and suggests optimum transitions (Ac and Re components. This yields the dialectic wheel that suggests the optimum solution – a win-win roadmap with a clear sequence of actions and reflections for each stakeholder.

If the obtained roadmap is not accepted by the quorum (which can be as high as 100%), then we have the 4th step, forcing us to re-consider some arguments. So we create iterative identification of deeper ideas, inner conflicts, and value propositions, until the roadmap is accepted.

4. Use Cases

The following use cases demonstrate how our method creates value by converting static oppositions into dynamic processes, revealing hidden elements, and providing practical guidelines. Each case shows how seemingly irreconcilable positions can be transformed into manageable step-by-step paths.

It is worth stressing that our approach isn't intended to resolve conflicts or make decisions directly. Instead, it provides a framework helping people reach constructive conclusions - particularly valuable for boards, communities, organizations, and societies seeking to move beyond standard voting ("either-or" approach) toward higher quality operations ("both-and" mentality). While such transformations require time and iterations to identify true value propositions, our framework provides the structured path toward validated solutions.

4.1. Token Vesting Conflict

Consider the dispute about extending token vesting schedule for locked stakeholders (see recent Lava case). The original agreement set January 2025 for token unlocks, but market conditions prompted major stakeholders to propose a 12-month extension to January 2026. A simple majority vote approved the extension, creating tension and misalignment between different stakeholder groups.

AI proposed a staged distribution mechanism with added incentives, offering 25% immediate unlock with enhanced benefits for the delayed 75% portion. Initial analysis estimated a 60% probability of achieving stakeholder alignment (here and below all estimations were made by Claude 3.5 Sonnet).

Dialectical approach suggested adding complementary mechanisms: liquid staking derivatives for immediate utility (25%) combined with guaranteed exit rights (75%). This dual-path solution was estimated to increase the probability of stakeholder alignment to 90% when implemented together with the staged distribution (Fig. 9).

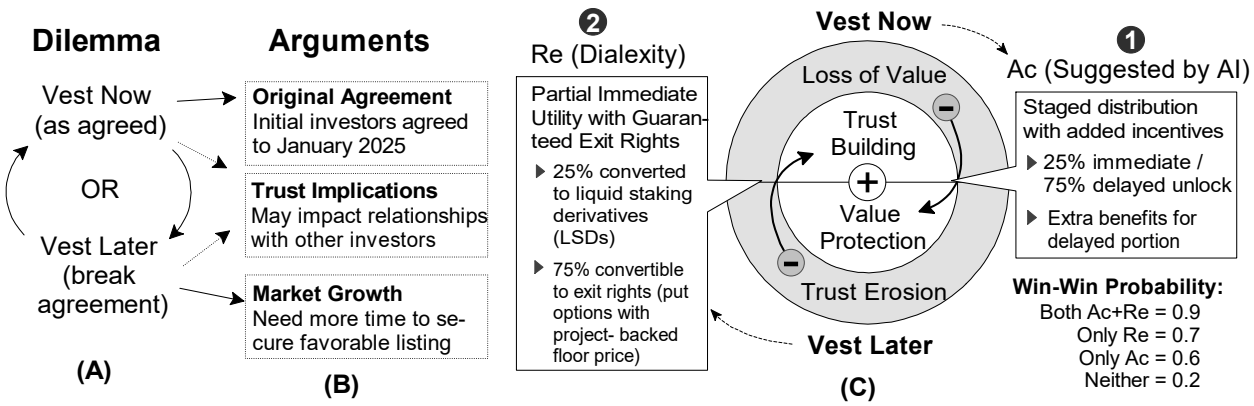

Fig. 9. Resolution of the token vesting dispute.

Scheme A presents the core dilemma between maintaining original agreements and accommodating market conditions. Scheme B outlines key arguments affecting stakeholder positions.

Scheme C demonstrates the dialectical relationship between trust building and value protection mechanisms, showing how complementary approaches can achieve a higher probability of stakeholder alignment, while preserving mechanisms for gradual progress toward complete consensus (as was shown in the Solution/Technology section).

4.2. Chicken or Egg Dilemma

Resolving the following dilemma: "I need clients to build a portfolio/track record, but I need a portfolio/track record to get clients." This is especially relevant for freelancers, consultants, and new business owners.

Traditional AI typically suggests tactical solutions like offering discounted services or creating sample projects, with self-assigned usefulness score 0.7 (0 – not useful, 1 – resolves issue).

Dialectical Framework (Fig. 10) produces a complete strategic picture, helping both diagnose and plot a course forward with a usefulness score 0.85:

- More comprehensive system view
- Better integration of psychological factors
- Clearer progression path
- Built-in feedback mechanisms
- Balance between quick wins and sustainable growth

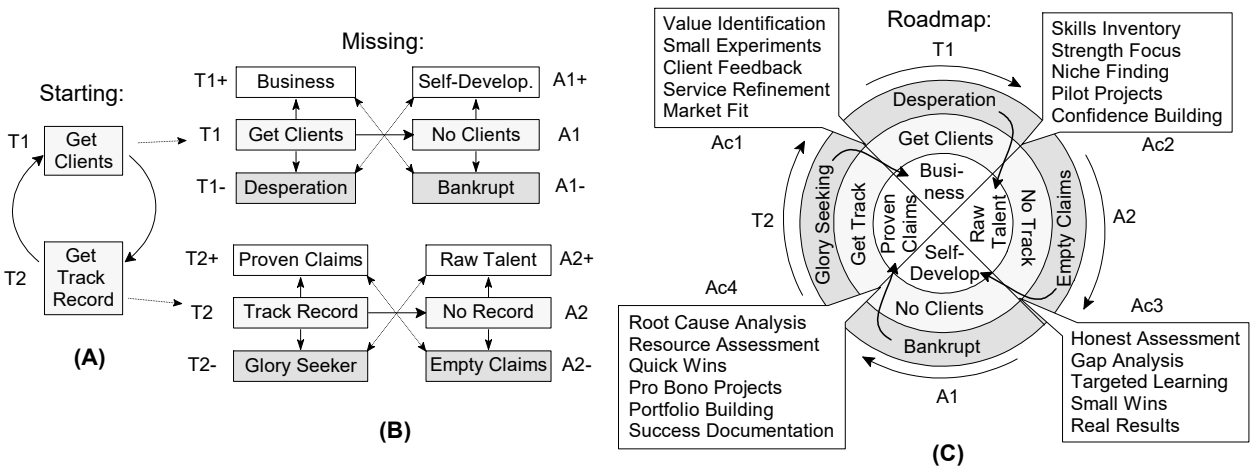

Fig. 10. Client-Track Record Analysis

Scheme A shows the starting loop. Scheme B identifies key factors, which immediately tell us hidden risks (T1- = Desperation, T2- = Glory Seeking) and obligations (A1+ = Self-Development, A2+ = Talent Discovery). Scheme C provides the holistic picture with practical advices for specific situations.

Examples of other types of mental loops:

- Need confidence to achieve success, but need success to build confidence
- Need capital to achieve profitability, but need profitability to raise capital

4.3 Global *vs.* Local

Global structures fundamentally conflict with local stakeholders' interests, often leading to value destruction on both sides. Consider the tension between large corporations and local communities over resource extraction and environmental impact.

T1 (Corporation): "We bring jobs and prosperity through legal resource extraction. Environmental concerns are exaggerated."

T2 (Local Community/Advocates): "They destroy our land and water. Their compliance claims hide systematic violations."

Traditional AI suggests documentation and evidence gathering, using legal and regulatory approaches, community organization, media and public awareness, and various economic alternatives. Usefulness score: 0.6 - while comprehensive in documentation and legal approaches, it may perpetuate conflict without addressing root causes

Dialectical framework (Fig. 11) shows usefulness score 0.85:

- Addresses root causes
- Provides constructive alternatives
- Shows interconnections
- Balances opposition with opportunity
- Focuses on transformation rather than just resistance

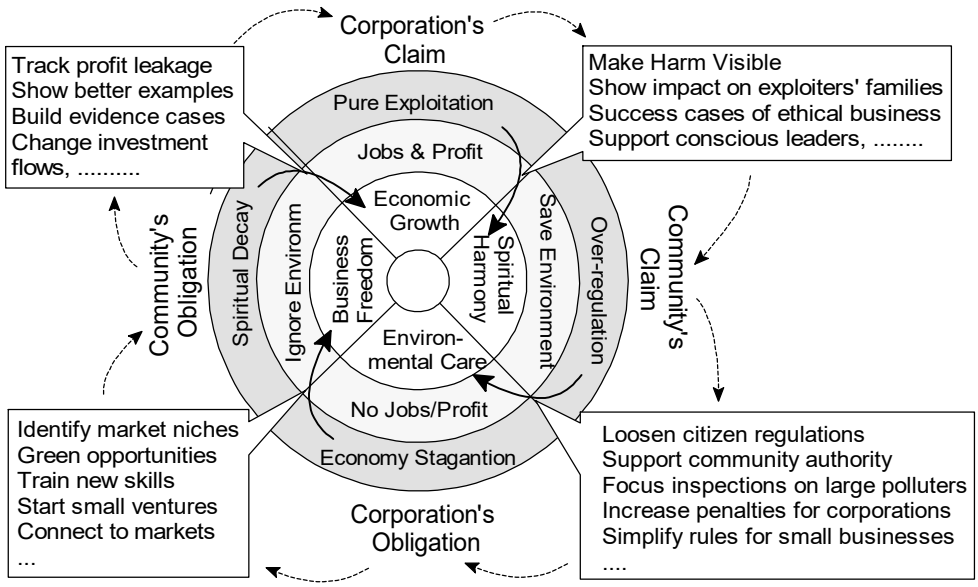

Fig. 11. Corporation vs. Local Community Resolution

Wisdom Mining (through the earlier described iterative validations) can help to identify new claims, arguments, and actionable steps for the smoother resolution

All abuses hide behind noble goals, such as DEI (diversity, equality, inclusion), safety, mitigating global warming, etc. We offer a decentralized way for unmasking such deceptions through identifying their true risks, goals, and obligations (see Dialectic Ethics)

4.4. Political Conflict Resolution

Resolving the conflict between Israel and Palestine.

Israeli Claims:
T11: Israel must exist as the national home for the Jewish people.
T12: Israel requires robust security measures to protect its population.

Palestinian Claims:
T21: Palestinians must have their own independent sovereign state.
T22: Palestinian refugees should be allowed to return to their ancestral homes.

Non-dialectical AI (Claude 3.5 Sonnet) suggested using international peacekeepers, humanitarian corridors, and phased implementation with international guarantees. Yet, this approach has been attempted multiple times, and repeatedly failed because it relies on external actors and top-down implementation. Assigned probability of success: 0.15 *vs*. 0.45 of dialectical approach.

Dialectic approach (Fig. 12) suggested targeted documentation, mapping, and tracking of interactions, shared resources, and cultural practices at the community level, similar to successful post-conflict resolution cases in Northern Ireland and South Africa.

However, the deep-rooted nature of the Israeli-Palestinian conflict and the current high tensions still make success challenging. Assigned probability of success: 0.45. New ideas with dialectical/semantic mining are clearly needed.

The significant difference in resolution probabilities (0.15 vs 0.45) stems from our wheel's emphasis on verifiable local successes rather than externally imposed solutions. By involving local actors directly in the resolution process, we can achieve much better outcomes than top-down centralized interventions.

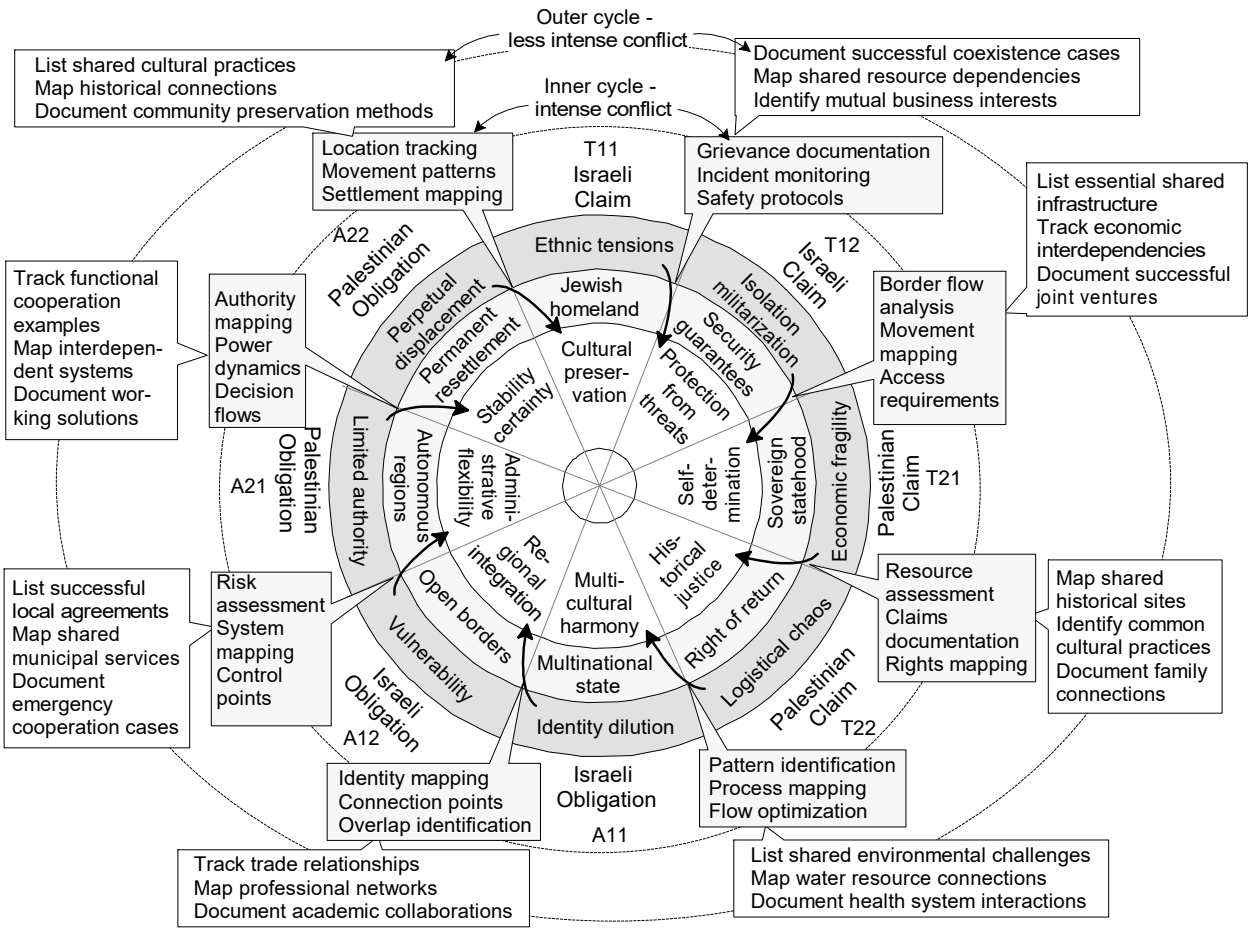

Fig. 12. Israeli – Palestine Resolution

Shown are two layers of advice under different intensity of conflict. Better decisions can be found through both mining and considering additional claims of stakeholders that introduce intermediate steps.

4.5. Economy/Business Optimization

While previous cases focused on explicit conflicts, optimization of complex systems - from economic regulation to business operations - often involves hidden inefficiencies due to

unrecognized opposing forces. Here we analyze the abstract economic regulation cycle, which can be replaced with any type of business cycle.

Traditional AI approaches rely on expert knowledge, statistical analysis, and brainstorming, achieving usefulness scores around 0.7. These methods often miss critical complementarity effects that drive natural system optimization.

The dialectical approach (Fig. 13) reveals hidden system dynamics with usefulness score 0.9:

- Maps regulatory control points
- Reveals hidden cross-influences
- Enables targeted optimization

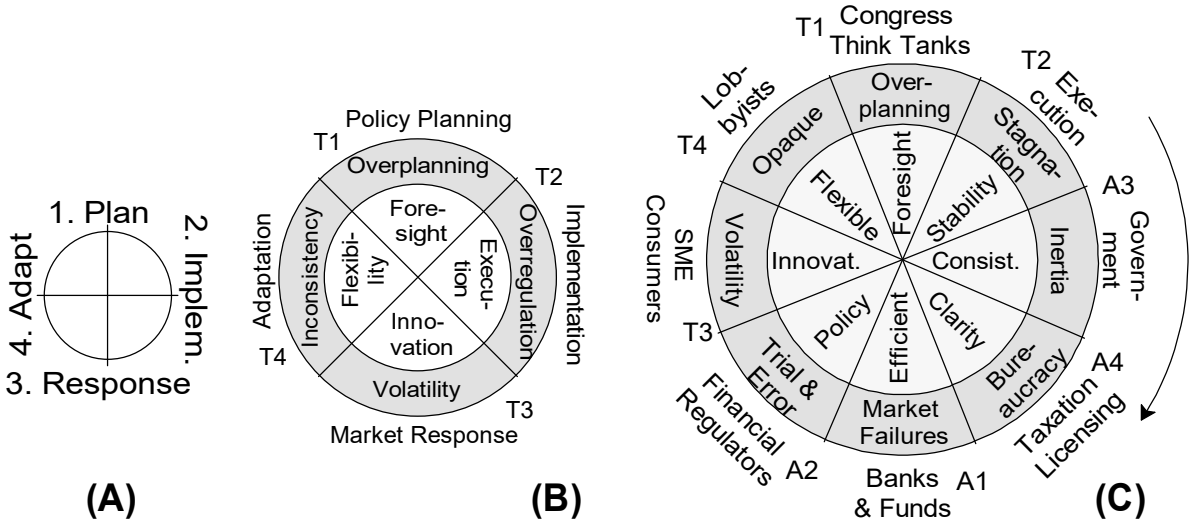

Fig. 13. Analysis of Economic Regulation. For more details see the Systems Theory Integration section in the Dialectical Ethics

Scheme A identifies the fundamental cycle of economic regulation: Plan → Implementation → Response → Adaptation. In a typical business cycle, this could translate into Strategy → Execution → Market Response → Adjustment.

Scheme B reveals the deeper structure, where positive aspects of one step oppose negative aspects of its diagonal counterpart (e.g., T1+ = Foresight opposes T3- = Volatility). In business setup, similar tensions exist between Strategic Planning (needing stability) and Sales (requiring flexibility), or between Resource Allocation (requiring control) and Innovation (needing freedom).

Scheme C maps abstract concepts to real-world control factors, revealing unexpected influences. For example, Policy Planning (T1) by Congress/think tanks is indirectly controlled by Banks/Funds (A1), while Implementation (T2) by government agencies is actually controlled by Financial Regulators. In business context, Strategic Planning could be unexpectedly controlled by supplier dependencies, while Resource Allocation might be driven by industry certification.

4.6. Value Creation Mechanism

As demonstrated through these use cases, our method's core value lies in converting seemingly impossible situations into manageable transformation processes. It achieves this by:

1. Revealing System Dynamics - exposing hidden interdependencies, risks and obligations, cyclic patterns
2. Creating Transformation Paths - converting opposition into step sequence, identifying transition points, building feedback loops
3. Ensuring Practical Implementation - providing specific actions with progress tracking metrics

These capabilities consistently improve success rates, by converting abstract problems into actionable solutions with measurable outcomes. In essence: The method converts "impossible situations" into manageable, step-by-step transformation processes with clear actions for all parties.

For more examples of how dialectical analysis creates value across different domains, see additional case studies:

- Business Cycle Analysis: Identifying Critical Blind Spots
- Technical Safety Systems: Self-Driving Vehicles
- Optimizing Reality Engagement Framework
- Conceptual Exploration: Dialectical Wheels as Art Pieces
- Resolving Apparent Contradictions: Connecting Apples to Oranges

5. Tokenomics

5.1. Token Utility & Value Creation

The DIAL token powers all aspects of the wisdom mining ecosystem. Each participant in the ecosystem has a role and participates in token economics.

Let’s assume that the end-user interface to access Indra-Net is a chat, where besides the common LLM capabilities it is able to reason dialectically either because it is trained, finetuned or simply prompted to do so. Let’s also assume that the agent using the Dialectical Engine is able to output a dialectic wheel as well as interpret it.

As long as Seekers aren’t seeking guidance, they are chatting with LLM as usual. As soon as LLM decides that dialectics is necessary to untangle a situation - the wisdom mining protocol kicks in. The dialectic agent can be triggered only if the Seeker has staked DIAL tokens used to pay the agent. The dialectic agent itself incurs certain costs, namely: inference and querying Specialists.

Upon receiving guidance Seeker might not be fully satisfied. If this happens, they can place a reward in DIAL tokens for additional exploration of the situation. At this point Synthesists have a chance to create a new or extended version of the dialectic wheel, which serves as a different wise advice.

If a Seeker is satisfied with the wisdom gem there's an option to contribute the full context to the public. Without any context, the wisdom gem is still valid, but less useful, as it only represents interrelation of concepts. Hence, for the contribution, the Seeker has a chance to be rewarded and earn back the tokens spent for mining wisdom. Specialists are interested in collecting such contributions into their knowledge bases as these will allow them to answer queries better and earn reputation.

Mining wisdom is two-fold. First, a Synthesist needs to create a dialectic wheel. The complexity of that depends on the size of the wheel and the rules that it has to comply with. Even the state of the art AGI might fail at this. Therefore, to make sure that the synthesis exists in the generated semantic graph - Validators step in. Validators do not need to be as "intelligent" as Synthesists, however, with time they have to grow smarter, as they'll need to be able to validate more complicated graphs and more semantic statements.

Synthesists have to pay to Validators for their services, as they collectively in a trustless manner allow wisdom gems to be written to Indra-Net, which in turn releases rewards to Synthesists.

As more Seekers join the network, more wisdom is mined and Indra-Net grows. It sparks the competition among Specialists to grab and organize that wisdom and potentially combine it with internal knowledge bases for additional added-value to end-users. This, in turn, attracts more Seekers as the value of the overall service is growing; Indra-Net becomes the dataset for any AI application that is addressing conflict resolution or decision making in general.

5.2. Mining

Wisdom mining is the creation of a dialectic wheel (aka wisdom gem) using the dialectical framework. As this is an NLP algorithm that includes a lot of repetitive semantic and sentiment analysis operations it is easier achieved by LLMs than by people.

With every dialectic wheel the protocol rewards the Synthesist as well as Validators who consumed resources to contribute a new wisdom gem into Indra-Net.

The complexity of the mining depends on the size of the dialectic wheel and the number of semantic statements to validate. Consequently, the reward is relative to the complexity.

On the other hand, a dialectic wheel which is too big and complicated, might be impractical for the end-user to be used for guidance. Therefore, the demand for extending wheels per Seeker request will decrease over time.

In any case, initially rewards for mining are provided by the allocated DIAL tokens budget. As time passes, natural market dynamics will take over.

5.3. Token Distribution

The supply of 161,803,398 DIAL tokens is fixed to ensure balanced network growth and long-term sustainability. Deflationary dynamics will be introduced through slashing.

5.4. Token Details

DIAL is launching with an initial circulating supply of 33,978,714 tokens, creating an initial market capitalization of $1.07M at the public sale price of $0.10. With a fully diluted valuation of $16.18M, the token structure balances immediate utility with long-term value creation potential.

Summary	
Soft Cap (USD)	
Hard Cap (USD)	
Total Token Supply	
Early token sale	
Tokens for Public Sale	
Public Sale Token Price	
Initial Circulating Supply at launch (tokens)	
Initial Market Cap (USD)	
Initial Circulating Supply %	
Tokens to be sold	
Amount to be raised	
% Supply	
Fully Diluted Market Cap (USD)	
Total sell pressure at TGE (absolute)	

6. Roadmap

Year 1

Q1 - Q2 Token Launch	• Finalize whitepaper • Start building and engaging with the follower base • Prepare educational content on Dialectical Engine • Release a basic problem-solving app • Token smart contracts
Q3 Finish Wisdom Mining Protocol	• Mathematical modeling of tokenomics • Launch basic Dialectical Engine MVP for existing LLMs • Begin building initial Indra-Net infrastructure
Q4 Wisdom Mining PoC	• Documentation on how to setup Validator nodes • Support and guide early adopters • Start implementing smart contracts

Year 2

Q1 Test Wheel Validation	• Power-up the problem-solving app with Dialectical Engine • Launch the Validator network on testnet
Q2 Indra-Net DB	• Decentralized infrastructure for storing dialectic wheels • Access layer for private knowledge bases • Indexing and querying
Q3 Launch Wheel Validation	• Documentation and guidance on Specialist nodes • Launch the Validator network on mainnet • Launch the Specialist network on testnet
Q4 Dialectical AI	• Enable dialectical reasoning for LLMs • Leverage Indra-Net for case-history and fine tuning • LLM capability to interpret dialectic wheels

Year 3

Q1 Launch Specialist Network	• Implement token staking and Specialist reputation system • Launch the Specialist network on mainnet • Marketing boost • Incentivising other decision-making apps to use Indra-Net
Q2 Synthesist Feature Launch	• Users can create dialectic wheels • Users can contribute their cases and wheels for a reward • Anonymization and data access infrastructure
Q3 Synthesis Mining	• Documentation and guidance on Synthesist nodes • Community boost, new earning possibility • Launch the Synthesist network on testnet
Q4 Wisdom Mining Finished	• Launch the Synthesist network on mainnet • Synthesists and Validators work in tandem to mine wisdom • Enriching Specialist knowledge base • Improve UX for problem-solving app

Year 4

Q1 Expand Partnerships	• Expand partnerships to provide more Specialists for the Users • Motivate AI providers to use Indra-Net as dataset • Institutional partnerships for global impact
Q2 Enterprise and B2B	• Wisdom mining on the organisation level • Infrastructure for companies to incentivise employees in decision-making • Incentivise building new decision-making, negotiation, mediation apps on Indra-Net
Q3 - Q4 DAO and Ethical AI	• Implement decentralized governance of the protocol changes • Boost R&D for public good in using Ethical AI

7. Conclusion

DIAL creates a new asset class merging societal impact with financial opportunity through:

1	Universal Application	• Dialectical solutions for complex challenges • Compounding value through network effects • Cross-sector applicability
2	Sustainable Growth	• Problem resolution driving token utility • Value creation through validated synthesis • Self-reinforcing ecosystem
3	Dual Benefits	• Token appreciation potential • Enhanced problem-solving capability • Growing market demand