

TEDAI



**TEDAI**  
ECOSYSTEM

# WHITE PAPER

## BRIDGING WORLDS WITH FUN

Welcome to a World Where Learning Meets Creation in the Web3 Space, Powered by AI. TedAI bridges the gap between Web2 and Web3, empowering users to unlock their potential in the decentralized future. With our Learn2Earn approach, you gain rewards while building a strong foundation in blockchain, DeFi, and NFT concepts through gamified, interactive learning experiences. Once equipped with knowledge, take the next step using our powerful AI-driven tools to create and thrive—whether it's crafting smart contracts, minting unique NFTs, or tokenizing assets. At TedAI, we make learning rewarding and creation empowering.



[www.tedai.io](http://www.tedai.io)

# Project Overview

In today's digital age, where technology influences every aspect of life, TedAI stands as a gateway to the Web3 revolution. Our mission is clear and ambitious: to simplify the complexities of blockchain with an engaging and rewarding approach. By blending innovation with fun, TedAI makes the decentralized future accessible and exciting for everyone—from curious beginners to seasoned tech enthusiasts.

## Bridging the Gap with Fun

TedAI transforms blockchain learning into an engaging and rewarding adventure. Forget traditional lectures and dense text—our ecosystem combines interactive content, simplified definitions, and gamified quizzes that make learning easy and enjoyable. With our Learn2Earn model, users earn Honey rewards as they progress, adding excitement and motivation to their journey. By fostering a community-driven approach, TedAI ensures every step of the learning experience is both fun and meaningful.

## Empowering Creation in the Web3 Space

TedAI goes beyond education, providing a suite of powerful tools for creators to bring their ideas to life in the Web3 ecosystem. From designing and minting unique NFTs to building smart contracts and tokenizing real-world assets, our platform makes creation accessible to everyone. With AI-driven assistance, users can establish sustainable royalty structures for intellectual property and unlock new opportunities in decentralized innovation. Whether you're launching your first project or expanding your creative portfolio, TedAI empowers you to innovate and thrive in the decentralized world.



## Why TedAI?

In a world rapidly embracing technological advancements, TedAI takes a different approach by asking, "Why can't this journey be fun and inclusive?" We believe that technology should empower everyone, not just the tech-savvy. Our platform is designed to make blockchain and Web3 concepts accessible, engaging, and rewarding, especially for non-tech individuals eager to explore this new frontier. By combining interactive learning, gamified rewards, and powerful creation tools, TedAI ensures that anyone can learn, engage, and create boldly.

# Core Features and Technology

## AI-Powered Educational Platform

### Empowering Minds for the Blockchain Era

At TedAI, we're passionate about unlocking the full potential of blockchain technology, not just for tech enthusiasts but for everyone curious about the future it's shaping. Our AI-powered educational platform is designed to make this journey as engaging and enlightening as possible. Here's how we're setting the stage for an open-minded exploration of blockchain's vast possibilities.

## Learn2Earn Module

The Learn2Earn Module is an innovative educational framework designed to gamify the learning process within the Web3 ecosystem. This module simplifies complex blockchain concepts and incentivizes users to engage deeply with the material through interactive and rewarding experiences.

### Key Features

#### Simplified Learning Content

- Offers clear and concise definitions of Web3 topics, breaking down advanced concepts like blockchain, decentralized finance (DeFi), and NFTs into digestible lessons.
- Designed for both beginners and intermediate users, ensuring accessibility regardless of prior knowledge.

#### Gamified Quizzes

- Interactive quizzes at the end of each lesson reinforce learning by challenging users to apply their newfound knowledge.
- Adaptive difficulty levels ensure that users remain engaged as they progress.

#### Honey Rewards System

- Learners are incentivized with Honey rewards, a digital currency within the TedAI ecosystem, for completing quizzes, achieving milestones, and maintaining consistent learning streaks.
- Honey can be redeemed for platform benefits, discounts, or participation in exclusive events, creating a tangible link between effort and reward.

#### Progressive Learning Tracks

- Structured learning paths guide users from foundational topics to advanced concepts, ensuring a seamless and logical progression through the curriculum.

#### Personalized Learning Experience

- The module adapts to individual learning paces and styles, using AI to provide personalized recommendations for additional resources and next steps.

### Purpose and Benefits

The Learn2Earn Module bridges the gap between curiosity and comprehension in Web3, empowering users to understand blockchain technology while earning rewards. By combining education with financial incentives, the module fosters a culture of continuous learning and participation, unlocking opportunities for users to confidently engage in the decentralized economy.





# Gamified B2B Courses

## Tailored Learning Experiences for Projects

The Gamified B2B Courses module helps Web3 startups and projects educate their users about the unique solutions they offer. Through tailored, gamified courses, users engage with interactive content that simplifies complex concepts. Integrated reward systems, including airdrops, incentivize participation and ensure users gain a deeper understanding while fostering long-term engagement and loyalty.

## Key Features

### Customizable Branded Courses

- Partners can design and deliver tailored courses that align with their brand and objectives, covering topics such as blockchain fundamentals, DeFi strategies, and NFT creation.
- Courses can include multimedia content, interactive exercises, and quizzes to ensure engaging and effective learning experiences.

### Airdrop and Reward Integration

- Partners can integrate airdrop campaigns and rewards into their courses to incentivize participation and completion.
- Learners can earn platform-native rewards, such as Honey or tokens from partner organizations, creating additional value for their engagement.

### Analytics and Insights:

- Comprehensive dashboards provide partners with insights into user performance, engagement metrics, and course effectiveness.
- Data-driven feedback allows partners to refine their offerings and improve learning outcomes.

### Seamless Deployment Across Platforms:

- Courses and AI guides are accessible via web, iOS, and Android, ensuring maximum reach and convenience for learners.



## Purpose and Benefits

The Gamified B2B courses module serves as a bridge between organizations and their audiences, offering a scalable and customizable way to educate users about Web3 technologies. This module enhances brand visibility and fosters loyalty by providing meaningful, value-driven experiences. By integrating rewards it elevates learning from a passive activity to an engaging, impactful journey.

# Interactive 3D AI Tutor

## Your Personalized Guide to Web3 Learning

Ted, the fully interactive 3D AI tutor, brings personalized learning to life in the Web3 ecosystem. Accessible on both iOS and Android, Ted delivers an engaging and adaptive educational experience tailored to each user's needs.

### Key Features

#### Real-Time Conversations:

Ted leverages advanced AI to engage users in natural, real-time dialogues, making learning feel like an interactive discussion rather than a one-sided lecture. Whether it's answering questions, breaking down complex topics, or clarifying doubts, Ted ensures a seamless and engaging exchange of information.

- **Dynamic Dialogue:** Ted adjusts the conversation based on the user's input, ensuring that explanations are clear and aligned with their level of understanding.
- **Conversational Simplicity:** The AI avoids technical jargon unless the user is ready for more advanced topics, ensuring accessibility for beginners.

#### Tailored Learning Pathways:

Ted adapts to each user's progress, creating a personalized learning journey that builds on their existing knowledge and addresses their individual needs.

- **Performance-Based Customization:** Ted evaluates user interactions and progress to offer tailored recommendations for further learning.
- **Feedback and Guidance:** Users receive real-time feedback on their understanding of topics, along with suggestions for additional study materials or advanced concepts.

#### Comprehensive Content Delivery:

Ted specializes in delivering structured, topic-focused content with clarity and depth, catering to various aspects of blockchain technology, including Web3 basics, decentralized finance (DeFi), and NFT ecosystems.

- **Step-by-Step Explanations:** Each topic is broken down into manageable parts, ensuring that users can digest information at their own pace.
- **Use Case Demonstrations:** Ted provides illustrative examples to connect theoretical knowledge with practical applications in the Web3 space.

#### Multi-Platform Accessibility:

Designed for modern learners, Ted is available on iOS and Android devices, ensuring that users can engage with their AI tutor anytime, anywhere.

- **Seamless Integration:** The app integrates smoothly with the broader TedAI ecosystem, allowing users to transition between modules and retain their progress.
- **Mobile-Optimized Experience:** Ted's interface is intuitive and responsive, tailored for optimal interaction on smartphones and tablets.



### Purpose and Benefits

The Interactive 3D AI Tutor is more than just a learning tool; it's a companion for navigating the complexities of Web3. By offering a conversational, personalized, and accessible approach, Ted empowers users to build confidence and competence in blockchain technologies, making the decentralized future approachable and exciting.

# Premium Educational Content

## Your Pathway to Advanced Web3 Expertise

The Premium Educational Content module redefines learning in the Web3 space, offering users access to high-quality, interactive resources that go beyond foundational knowledge. Designed for those aiming to become proficient in blockchain development, this module provides advanced materials, certifications, and hands-on learning experiences to equip learners with the skills needed to excel in the decentralized world.

### Key Features

#### Web3 Developer Certifications:

- Comprehensive courses that validate expertise in blockchain, decentralized finance, and smart contract development.
- Certification tracks designed to build credibility and unlock career opportunities in the Web3 ecosystem.

#### Interactive Learning Content:

- Engaging, hands-on activities like simulations, real-world case studies, and interactive scenarios that reinforce key concepts.
- Dynamic content formats, including videos, quizzes, and exercises, tailored for a deeper understanding of advanced topics.

#### Advanced Modules:

- Specialized content covering niche topics such as decentralized governance, tokenomics design, and scaling solutions.
- Ideal for learners seeking to deepen their technical knowledge and strategic understanding.

#### Exclusive Materials:

- Access premium articles, in-depth tutorials, and advanced guides available only through earned or purchased tokens.
- Resources curated by industry experts to ensure relevance and quality.

#### Token-Based Access:

- Utilize earned or purchased tokens to unlock advanced content, interactive modules, and certification programs.
- Incentivizes active participation in the ecosystem while maintaining accessibility for dedicated learners.

### Purpose and Benefits

This module bridges the gap between foundational learning and professional expertise in Web3. By combining interactive learning, certifications, and advanced resources, it creates an immersive pathway for users to gain recognition and unlock opportunities within the blockchain industry. The integration of token-based access adds an interactive and rewarding layer to the experience, ensuring users stay motivated and engaged.





# The Hive

## Your Creative and Strategic Web3 Toolbox

I

**Smart Contract Builder:** An AI-powered tool to create and deploy smart contracts quickly and efficiently, enabling users to tokenize ideas with minimal technical expertise.

II

**NFT Creation and Minting Studio:** A comprehensive platform for designing, minting, and launching custom NFTs, tailored for creators looking to enter the digital asset marketplace.

III

**Whitepaper Generator:** An AI-guided solution for drafting detailed, professional whitepapers, covering all essential elements from goals to tokenomics.

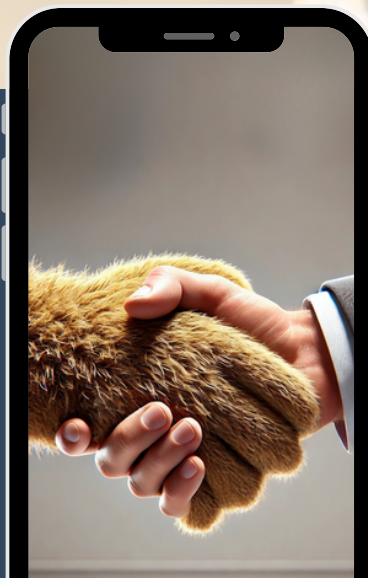
IV

**IP Tokenization & Royalties:** A tool for tokenizing intellectual property and automating royalty distribution, ensuring transparent and sustainable revenue for creators.

V

**Tokenize Real-World Assets:** A platform to digitize and fractionalize tangible assets, enabling liquidity and shared ownership through blockchain technology.

"Building  
bridges to a  
decentralized  
tomorrow."



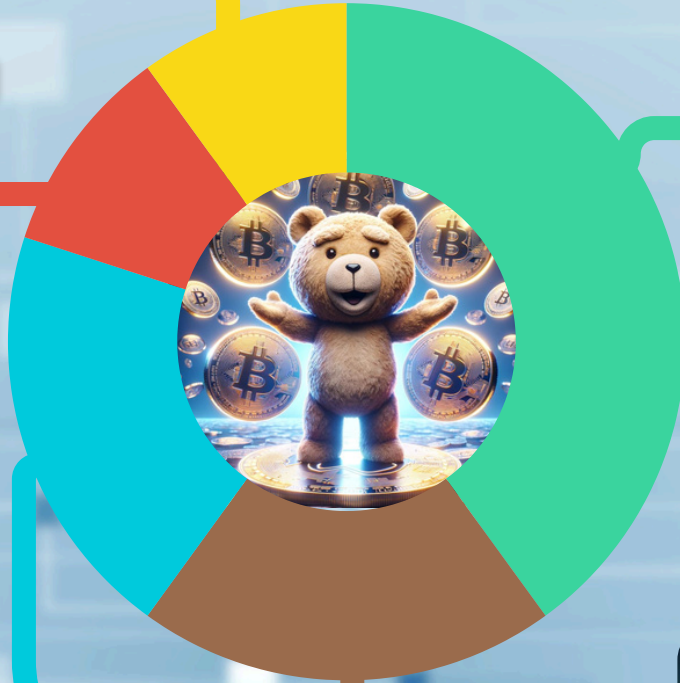
# 66 Billion Tokens



**10%**  
**Liquidity Pool**  
**DEX**



**40%**  
**Token Sale**



**10%**  
**Rewards**



**30%**  
**Development**



**10%**  
**Marketing/CEX**

*In the land of blockchain, far and wide,  
A playful token takes its stride.  
TedAI, by name, it dances bright,  
Allocating tokens, left and right.  
With a wink and a nod, it scatters cheer,  
To developers, users, far and near.  
A portion here, a portion there,  
TedAI's tokens spread everywhere.  
For the team, a slice of this digital pie,  
Under moonlit skies, their dreams fly high.  
Advisors, too, get their fair share,  
Guiding the project with utmost care.*

*Don't forget the community, vibrant and vast,  
Rewarded for futures they forecast.  
And in the pot for liquidity's sake,  
A chunk ensures the market's awake.  
But hark! A reserve, kept aside,  
For innovation where TedAI's pride resides.  
In this crypto realm, where fortunes are made,  
TedAI's allocation is smartly laid.*



# Token Supply and Distribution

The TedAI ecosystem is underpinned by a thoughtful and strategic tokenomics model, designed to encourage participation, foster long-term holding, and facilitate equitable distribution of resources. Central to our economic structure are innovative mechanisms for transaction taxation, token distribution from unsold sale tokens, and rewards, all tailored to empower and benefit our community members.

## The Deflationary Model of TedAI Token

The TedAI contract incorporates a transaction tax designed to both reduce the circulating supply over time and reward active community members, fostering a sustainable and engaging ecosystem. Here's how it works:

### Initial Supply

**66B**

#### Public Sale

TED tokens are allocated for public sale, designed to promote widespread ownership and active participation within the ecosystem

**26.4B**

#### Development

TED tokens, vested quarterly over a year, support ongoing development and align team incentives with the project's long-term success.

**13.2B**

#### Marketing/CEX Listing

TED tokens are reserved for marketing initiatives and listing on exchanges to enhance TedAI's visibility and liquidity.

**13.2B**

#### Liquidity Pool

TED tokens provide initial liquidity on exchanges, facilitating smooth trading and value exchange.

**6.6B**

#### Rewards and Airdrops

TED tokens are dedicated to rewarding the community for their engagement and participation.

**6.6B**

#### Transaction Tax Breakdown:

- Total Tax: 1% of every transaction is taxed.
  - Burning: 0.3% of the transaction value is burned, permanently reducing the total supply of TED tokens. This mechanism ensures a deflationary pressure on the token, potentially increasing its value over time as the supply diminishes.
  - Reward Pool: 0.7% of the transaction value is allocated to a reward pool, set aside for distribution among token holders.
  - Burning Cap: The burning mechanism is designed with a crucial safeguard - it ceases once 50% of the total TED token supply has been burned. This cap ensures that the deflationary aspect of the tokenomics does not indefinitely diminish the token supply, potentially preventing issues related to excessive scarcity.

#### Reward Pool Dynamics:

- Accrual: The reward pool accumulates over time, with contributions from taxed transactions.
- Availability: The accumulated rewards become available for claiming after a 30-day period.
- Distribution Criteria: The distribution of rewards to holders is based on their proportion of the total circulating supply of TED tokens. The more TED tokens a holder has, the larger their share of the reward pool.

# Deflationary Mechanism and Reward System

## Strategic Impacts of the Burning Cap:

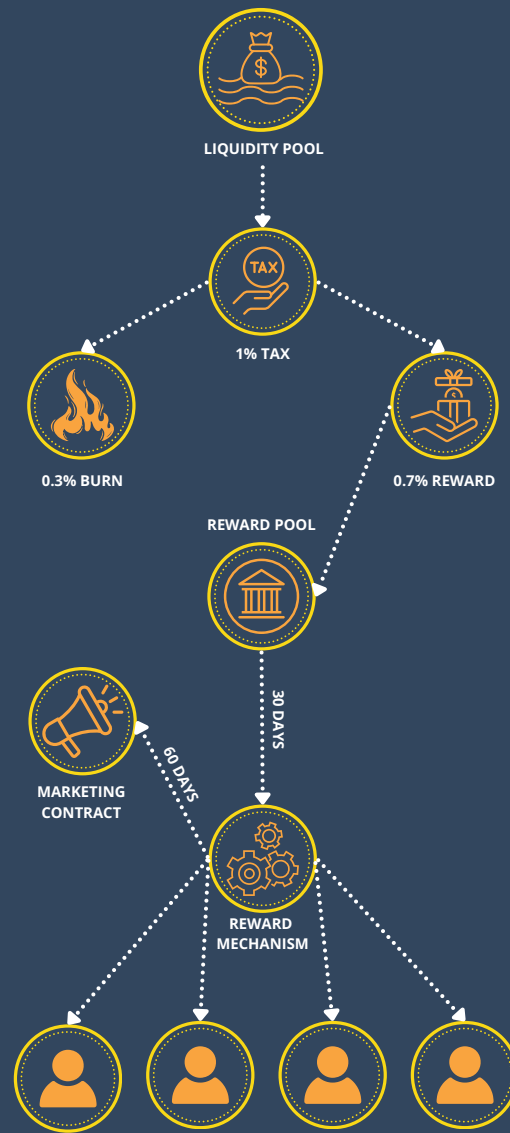
- **Sustainable Tokenomics:** The introduction of a burning cap ensures the long-term sustainability of the TedAI ecosystem by preventing the token supply from becoming too scarce, which could hamper utility and liquidity.
- **Increased Holder Incentives:** Redirecting the full transaction tax into the reward pool post-burning cap significantly enhances incentives for token holders. It ensures that active participants in the ecosystem are rewarded more generously, fostering greater engagement and loyalty.
- **Balanced Deflationary Pressure:** The cap on token burning creates a balanced deflationary model. It allows the TedAI token to benefit from the deflationary pressure up to a point, after which the focus shifts towards rewarding the community, thus supporting both the token's value and its utility within the ecosystem.

## Unclaimed Rewards Policy:

- **30-Day Claim Window:** Token holders have a 30-day period to claim their rewards from the pool.
- **Redistribution of Unclaimed Rewards:** Any rewards left unclaimed after this period are automatically transferred to the marketing contract. This strategy reallocates unclaimed resources towards expanding the community and engaging more active users, ensuring the vibrancy and growth of the TedAI ecosystem.

## Considerations

- **Dynamic Supply and Rewards:** The circulating supply (C) and reward pool (R) are dynamic figures that will change over time due to transactions, burning (until the cap is reached), and other factors affecting token distribution.
- **Frequent Updates:** The reward calculations should be updated regularly to reflect the most accurate and fair distribution based on the current state of the token economy.
- **Unclaimed Rewards:** Implementing a mechanism to handle unclaimed rewards efficiently, especially considering the policy of redirecting unclaimed rewards to marketing after 30 days, is crucial for maintaining the ecosystem's health and engagement.



## Reward Mechanism Calculation

### Determine Holder's Proportion of Circulating Supply:

- Let **H** be the amount of TED tokens held by a specific user.
- Let **C** be the total circulating supply of TED tokens.
- The holder's proportion, **P**, can be calculated as:

$$P = \frac{H}{C}$$

### Calculate Holder's Reward:

- Let **R** be the total amount of tokens in the reward pool available for distribution.
- The reward for the holder, **R<sub>h</sub>**, is calculated as **R<sub>h</sub> = P × R**
- In formula terms:



# Calculate circulating supply

The `calculateCirculatingSupply` function in the TedAI contract is designed to provide an accurate measure of how many TED tokens are actively available in the market for trading and other transactions, excluding those allocated for specific purposes or held in reserve. Here's a breakdown of how this function works, with an emphasis on the mathematical equation used:

## Purpose

The purpose of calculating the circulating supply is to understand the portion of the total token supply that is not locked, reserved, or otherwise unavailable for regular transactions. This figure is crucial for various stakeholders, including investors, traders, and the project team, to gauge the token's liquidity, market capitalization, and distribution.

## Calculation Breakdown

### Total Supply

The function starts by fetching the totalSupply of TED tokens, represented by `T`

### Non-Circulating Tokens

- It then calculates the totalNonCirculating tokens, which is the sum of TED tokens held in specific contracts and the contract itself. These are tokens set aside for development (`TedAIDEVAddress`), liquidity provision (`TedAILPAddress`), marketing efforts (`TedAIMarketingAddress`), community rewards (`TedAIRewardsAddress`), and any tokens that remain within the contract itself (`address(this)`).
- This sum is represented by `N`, where:

```
N= balanceOf(TedAIDEVAddress) +  
balanceOf(TedAILPAddress) +  
balanceOf(TedAIMarketingAddress) +  
balanceOf(TedAIRewardsAddress) +  
balanceOf(address(this))
```

### Circulating Supply Calculation

- The circulating supply (`circulatingSupply`) is then calculated by subtracting the total non-circulating tokens (`N`) from the total supply (`T`).
- The mathematical representation of circulating supply (`C`) is:

$$C = T - N$$

Where:

- `C` is the circulating supply,
- `T` is the total supply of tokens,
- `N` is the total non-circulating tokens.

### Example

If the total supply of TED tokens is 100 million, and the combined tokens held in development, liquidity pools, marketing, rewards, and within the contract itself amount to 40 million, the calculation would be:

```
T=100,000,000 (Total Supply)  
N=40,000,000 (Non-Circulating Tokens)  
Thus, C=T-N = 100,000,000-40,000,000=60,000,000  
C=T-N  
= 100,000,000-40,000,000=60,000,000
```

### Market Capitalization Calculation

- Primary Use:** The circulating supply is a key metric for calculating the market capitalization of the TedAI token, which is a fundamental indicator of its market value and perceived worth in the cryptocurrency market.
- Equation:** `Market Capitalization = Circulating Supply (C) × Current Price of Token (P)`.
- Implication:** A transparent and accurate calculation of circulating supply enables investors and users to gauge the token's market position, liquidity, and potential for growth or risk.

### Reward Distribution Mechanism

- Basis for Calculating Rewards:** The circulating supply is crucial for determining the proportion of rewards each token holder is eligible to receive from the reward pool, based on their ownership percentage relative to the total circulating supply.
- Fair and Proportional Distribution:** This ensures a fair distribution mechanism where rewards are allocated proportionally, encouraging token holding and active participation in the ecosystem.
- Equation for Rewards:** Holder's Reward :

$$(Rh) = \frac{\text{Holder's Tokens } (H)}{\text{Circulating Supply } (C)} \times \text{Total Reward Pool } (R)$$

# Your Guide to the Future

## 2024: Foundation and Development

### Q1: Product Scope and Initial Design

- Define the product's vision and core functionalities.
- Outline technical requirements and user experience goals.

### Q2: Team Formation and Market Research

- Assemble a talented, multidisciplinary team of experts in AI, blockchain, and community building.
- Conduct in-depth market research to understand user needs and competitive dynamics.

### Q3: Strategic Partnerships

- Establish collaborations with key industry players in education, blockchain, and Web3 innovation.
- Form alliances with early adopters and advocates.

### Q4: MVP Creation and Community Building

- Develop and release a Minimum Viable Product (MVP) focusing on the Learn-to-Earn module.
- Launch initial community-building initiatives to foster engagement and attract early users.

## 2025: Expansion and Refinement

### Q1: Early Access and Marketing Funnel Development

- Provide early access to the MVP for community members.
- Launch targeted marketing campaigns to build brand recognition and user base.

### Q2: Feature Integration and Ecosystem Launch

- Integrate gamified learning with Telegram, enhancing user engagement.
- Launch the TedAI chain testnet, providing a foundation for future blockchain functionalities.
- List TedAI tokens on key exchanges to unlock economic opportunities for users.

### Q3: B2B Integrations and Loyalty Programs

- Introduce new modules tailored for B2B partnerships, enabling certifications and business integrations.
- Offer premium content and exclusive features for loyal and active community members.

### Q4: Full Modular Platform Launch

- Release the complete TedAI platform with all functionalities, including smart contract tools, NFT studio, and advanced DeFi capabilities.
- Scale the ecosystem for global adoption, enhancing user experiences across diverse sectors.





TEDAI

# TOGETHER, WE FORGE AHEAD

TedAI is about more than just technology; it's about people, creativity, and the magic that happens when we come together to reimagine the possible. It's about transforming the daunting into the achievable, the complex into the accessible, and dreams into reality.

## THANK YOU FOR BELIEVING IN US

Thank you for taking the time to explore the TedAI whitepaper. Your interest, curiosity, and enthusiasm are the bedrock upon which we build. Together, let's set sail towards a horizon filled with promise, discovery, and endless possibilities. The journey of TedAI is ours to share, and the future is ours to shape.

**WELCOME TO TEDAI. WELCOME HOME.**

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