

GKYT Project Whitepaper Summary

1. Project Overview

GKYT is a hybrid chemical technology platform empowered by AI, integrated with a blockchain/DeFi ecosystem. Its core vision is to transform chemistry research, laboratory operations, and chemical markets through automation, artificial intelligence, and decentralized finance. The project targets two key markets: chemical industry innovators and blockchain/DeFi investors, aiming to address pain points in both traditional chemical industry and current DeFi projects.

2. Key Challenges Addressed

2.1 Chemical Industry Challenges

- Complex experimental planning and retrosynthesis route design.
- Lack of real-time traceable production processes and decision support tools.
- Reliance on manual data handling, which is prone to human error.
- High costs associated with long research and development cycles.

2.2 DeFi Project Challenges

- Prevalence of low-utility tokens causing market noise.
- Lack of real-world application scenarios bridging industrial and blockchain ecosystems.

3. Core Solutions & Services

3.1 AI-Powered Chemical Technology Platform

- AI-Empowered Route Design: Utilizes deep learning to complete retrosynthesis and pathway planning within minutes.
- Intelligent Lab Management: Centralizes control of laboratory workflows and data.
- Human-Machine Collaboration: Implements automated spectral analysis to reduce errors.
- Automated Synthesis Services: Coordinates resources including personnel, materials, and equipment.

3.2 Blockchain & DeFi Integration

- Native Token: GKYT (BEP-20 standard on Binance Smart Chain).
- Core Features: Wallet-controlled DeFi access, token utility for governance participation, and passive earning opportunities (e.g., staking).

4. Technology Architecture

GKYT adopts an EVM-compatible blockchain layer, ensuring interoperability, security, and operational efficiency. It enables transactions via smart contracts and seamless integration with IoT devices and AI

analytics tools, forming a robust and secure technical framework.

5. Business Model

5.1 Primary Revenue Streams

- B2B SaaS subscriptions (covering AI route design, lab management services).
- Enterprise licensing (targeting large laboratories, pharmaceutical companies, and CROs).
- Usage-based pricing (for spectrum analysis and compute-intensive tasks).

5.2 Secondary Revenue Streams

- Professional services and synthesis automation solutions.
- IP licensing of proprietary AI models.

5.3 Key Competitive Advantages

- Domain-specific AI models trained on chemical industry data.
- High switching costs once integrated into laboratory workflows.
- Data moat effect that enhances model performance over time.
- Long enterprise sales cycles ensuring stable revenue streams.

6. GKYT Tokenomics

6.1 Basic Information

- Token Name: GKYT
- Standard: BEP-20 (Binance Smart Chain).
- Annual Burn: 1% of total supply annually.

6.2 Token Utility

- Payment for AI-driven services.
- Access to premium platform tiers.
- Participation in governance voting.
- Eligibility for staking rewards.

6.3 Supply & Demand Dynamics

- Fixed total supply with annual burn to reduce circulation.
- Staking mechanisms reduce circulating supply.
- Platform growth drives transactional demand for tokens.
- Long-term treasury management strategies in place.

6.4 Yield & Incentives

Staking rewards are funded by:

- Platform operational revenues.
- Ecosystem incentive pools.
- Liquidity incentives for DEX/CEX markets.

7. Market Opportunity

- Chemical Industry: A \$5T+ global market with accelerating adoption of automation and AI, driving demand for digital transformation in laboratories and supply chains.
- DeFi & Crypto Markets: Expanding ecosystem with billions in total value locked (TVL), growing interest in real-world asset tokenization and utility-driven tokens.
- Competitive Edge: Audited security, strategic partnerships, real product offerings (vs. memecoins), and low current market cap offering high upside potential post-migration/listing.

8. Roadmap

- 2026: Ongoing launch, product upgrades, and market expansion.
- 2027: Stabilization and scaled growth.
- 2028: Initiation of global market expansion.
- 2029: Implementation of DAO governance.