Dukat Whitepaper

Abstract The Blockchain based marketplace Gate2Buy is an innovative blockchain-based solution designed to utilize the blockchain technology as single source of truth, payment handling, sales contract handling . The Gate2Buy marketplace, is a blockchain-powered platform that revolutionizes digital commerce by ensuring security, transparency, and efficiency. With a fixed supply of 1,000,000,000 coins, Dukat aims to become the cornerstone of transactions within the Gate2Buy ecosystem, providing users with a seamless and reliable payment method while funding the continuous development of the platform.

Introduction The rapid growth of e-commerce has highlighted the need for secure, efficient, and transparent transaction methods. Traditional systems often involve high fees, delays, and lack of privacy, poor product information, creating friction for both buyers and sellers. Gate2Buy addresses these challenges by leveraging blockchain technology to create a decentralized marketplace. Dukat, the native cryptocurrency of Gate2Buy, will facilitate transactions within the platform and drive its development.

Mission Statement Dukat aims to empower users by providing a secure, fast, and cost-effective currency for the Gate2Buy marketplace. One of the key advantages of this integration via the blockchain technologi is having a single source for all transactions, ensuring consistency, reliability, and reducing the complexity of managing multiple products, currencies, laws, languages etc.. By integrating blockchain one source of truth into the platform, we strive to enhance user experience, promote adoption of blockchain technology, and support the growth of decentralized commerce.

Tokenomics

- **Total Supply**: 1,000,000,000 Dukat coins

- **Initial Distribution**:

    - 40% (400,000,000 Dukat) - Public Sale

    - 30% (300,000,000 Dukat) - Ecosystem Development

    - 15% (150,000,000 Dukat) - Team and Advisors

    - 10% (100,000,000 Dukat) - Reserve Fund

    - 5% (50,000,000 Dukat) - Marketing and Partnerships

Use Cases

1. **Transactions**: Dukat will serve as the primary currency for all transactions within Gate2Buy, ensuring fast and low-cost payments. Users will experience near-instant transactions with minimal fees compared to traditional payment methods. This will enhance the shopping experience by reducing the time and cost associated with each purchase.

2. **Incentives**: Users and merchants will be rewarded with Dukat for participating in the ecosystem. For example, buyers can earn Dukat by making purchases, leaving reviews, or

referring new users to the platform. Merchants will be incentivized to list their products and maintain high customer satisfaction standards, creating a vibrant and trustworthy marketplace.

3. **Governance**: Dukat holders will have voting rights to influence the future development and governance of the Gate2Buy platform. This democratic approach ensures that the community has a say in key decisions, such as feature rollouts, policy changes, and fund allocation. This fosters a sense of ownership and alignment with the platform's goals.

4. **Staking**: Users can stake Dukat coins to earn rewards, contributing to network security and liquidity. Staking will involve locking a certain amount of Dukat in a wallet to support the network's operations, and in return, stakers will receive periodic rewards. This mechanism helps secure the network while providing users with a passive income opportunity.

5. **Marketplace Services**: Dukat can be used to pay for premium services within the Gate2Buy platform, such as featured listings, advertising, and analytics tools. These services will help merchants increase their visibility and sales, creating a dynamic and competitive marketplace environment.

6. **Cross-border Transactions**: Dukat will facilitate cross-border transactions without the need for currency conversion, reducing the complexity and cost of international trade. This feature is particularly beneficial for merchants and buyers from different countries, enabling seamless global commerce.

Gate2Buy Marketplace Overview Gate2Buy is an innovative blockchain-based marketplace designed to transform the way digital commerce operates. Utilizing Process Management Integration (PMI) and blockchain technology, Gate2Buy ensures that every transaction is efficient, secure, and transparent.

1. **Blockchain Integration**: Gate2Buy leverages blockchain to provide a decentralized ledger for all transactions. This ensures that data is immutable and transparent, fostering trust between buyers and sellers. Each transaction is recorded on the blockchain, providing a verifiable history that enhances security and reduces the risk of fraud.

2. **Process Management Integration (PMI)**: PMI is at the core of Gate2Buy's operations, streamlining processes from product listing to final sale. This integration allows for automated workflows, reducing manual intervention and errors. PMI ensures that every step of the transaction process is optimized, from inventory management to order fulfillment, providing a seamless experience for users.

3. **Smart Contracts**: Gate2Buy uses smart contracts to automate agreements between buyers and sellers. These contracts are self-executing and enforceable, ensuring that terms are met without the need for intermediaries. This reduces transaction costs and speeds up the payment process, benefiting both parties.

4. **Enhanced Security**: By utilizing blockchain technology, Gate2Buy provides enhanced security for user data and transactions. The decentralized nature of the blockchain means that there is no single point of failure, making it resistant to hacking and data breaches. Additionally, all data is encrypted, ensuring privacy and protection.

5. **Transparency and Trust**: The blockchain's transparent ledger allows all parties to verify transactions, fostering trust within the marketplace. Buyers can see the history of a product, including its origin and previous transactions, while sellers can ensure that payments are secure and verified.

6. **Scalability**: Gate2Buy is designed to handle a large number of users and transactions, making it suitable for a global marketplace. The platform's architecture ensures that it can scale efficiently as more users join and transaction volumes increase.

Technical Overview Dukat will be built on a robust blockchain network with the following features:

- **Consensus Mechanism**: Proof of Stake (PoS)

- **Transaction Speed**: High throughput to ensure seamless transactions

- **Security**: Advanced encryption and decentralized architecture to protect user data and funds

- **Scalability**: Designed to handle a growing number of users and transactions

Roadmap

1. **Q1 2023**:
   o Launch Gate2Buy API enabled marketplace
   o Development of Gate2Buy marketplace beta version

2. **Q4 2023**:
   o Automate PMI information integration from Suppliers via API

3. **Q2 2025**:
   o Launch of Dukat Initial Coin Offering (ICO)
   o Development of Gate2Buy block-chain enabled marketplace beta version

4. **Q2 2026**:
   o Listing of Dukat on major cryptocurrency exchanges
   o Launch of Gate2Buy block-chain enabled marketplace beta version

5. **Q3 2026**:
   o Full launch of Gate2Buy blockchain enabled marketplace
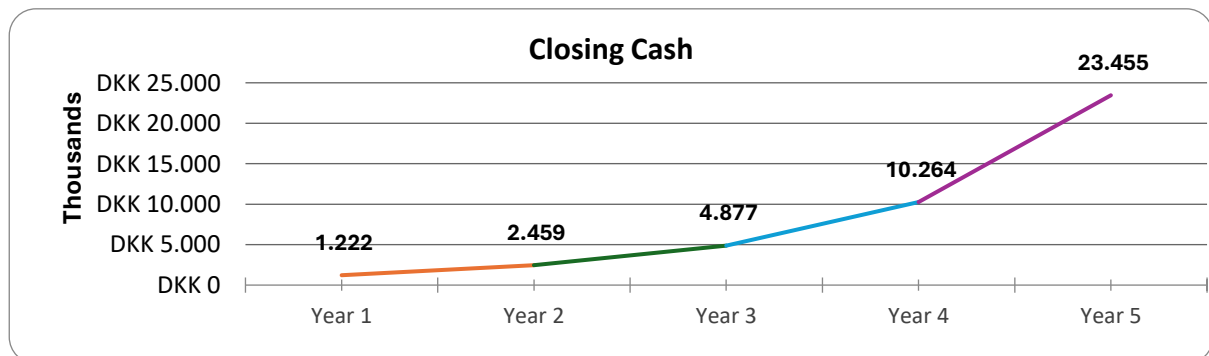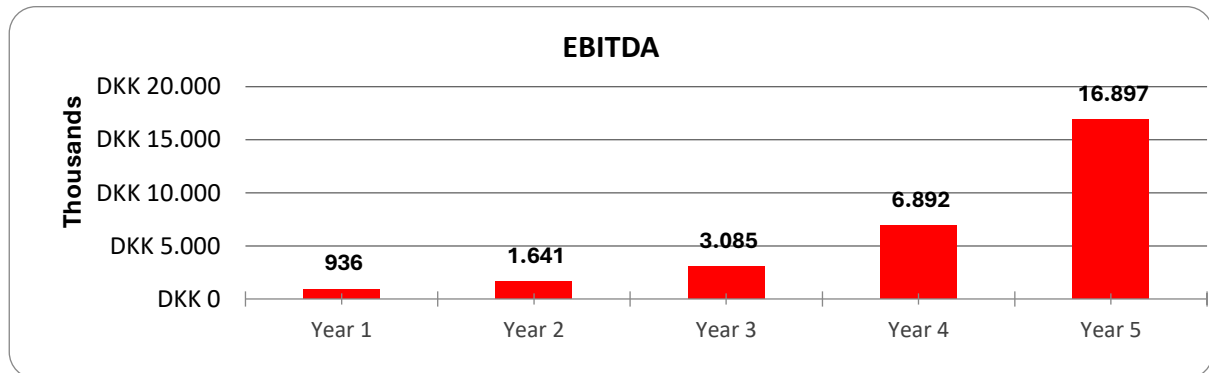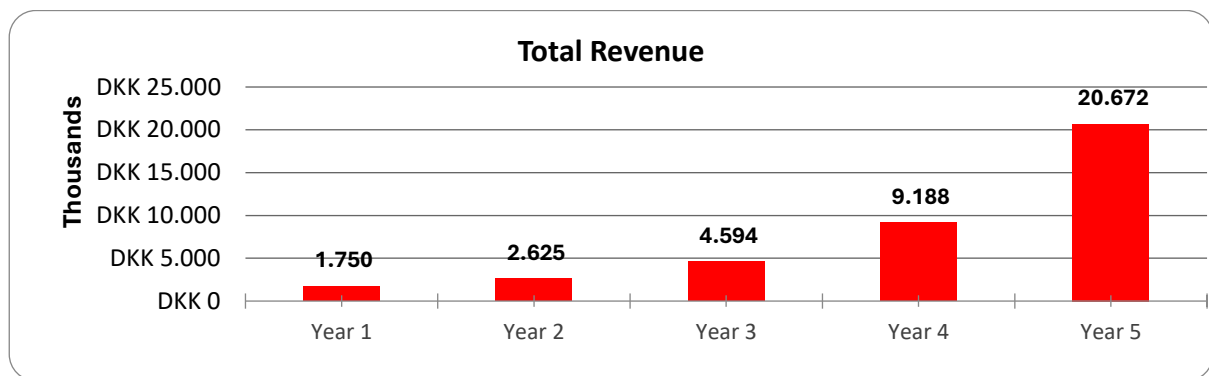   o Introduction of staking and governance features
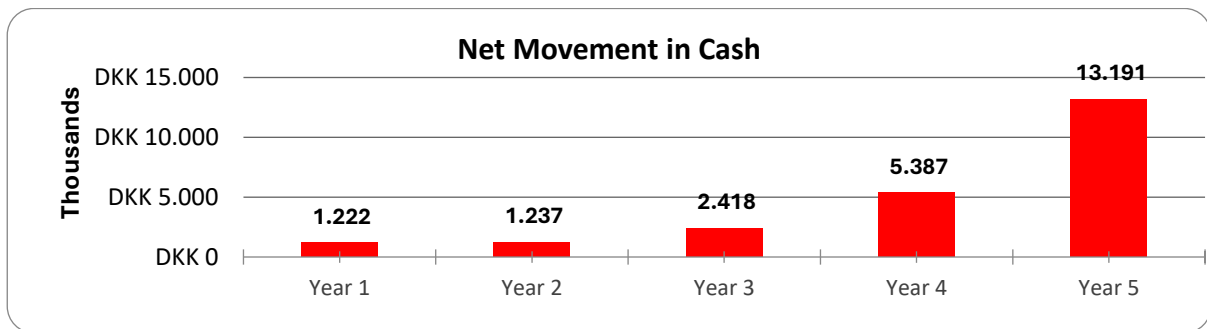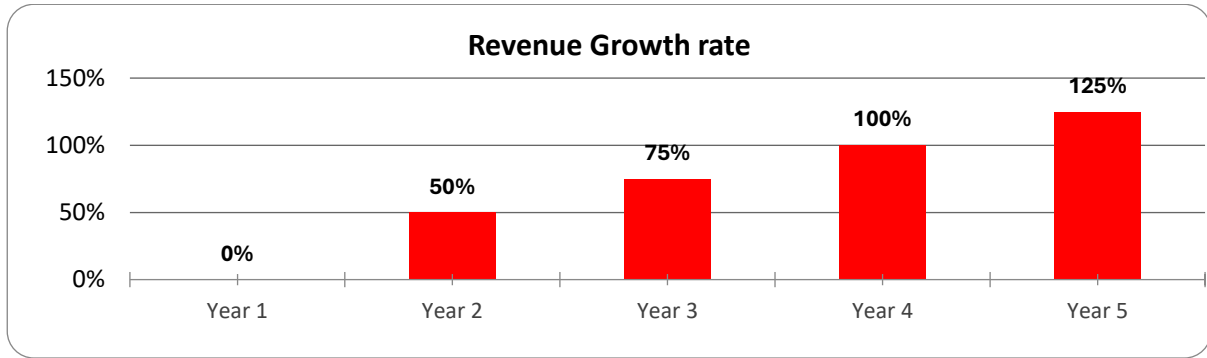
6. **Q4 2026**:
   o Expansion of partnerships and marketing campaigns
   o Continuous updates and improvements based on user feedback

Financial Projections

The key financial projections are set out below in K$:

Financial Highlights									
		Year 1		Year 2		Year 3		Year 4	Year 5
Revenue	$	1,750,000	$	2,625,000	$	4,593,750	$	9,187,500	$ 20,671,875
Overhead	$	684,102	$	853,728	$	1,248,794	$	1,906,569	$ 3,255,607
EBITDA	$	936,098	$	1,641,472	$	3,085,356	$	6,891,531	$ 16,897,069
EBITDA %		53%		63%		67%		75%	82%
Net Profit	$	725,156	$	1,265,348	$	2,386,078	$	5,353,894	$ 13,157,213
Net cash flow	$	1,222,000	$	1,237,098	$	2,417,867	$	5,386,701	$ 13,191,201
Net cumulative cash flow	$	1,222,000	$	2,459,099	$	4,876,966	$	10,263,667	$ 23,454,868

Total Revenue (Thousands)
- Year 1: 1.750
- Year 2: 2.625
- Year 3: 4.594
- Year 4: 9.188
- Year 5: 20.672

EBITDA (Thousands)
- Year 1: 936
- Year 2: 1.641
- Year 3: 3.085
- Year 4: 6.892
- Year 5: 16.897

Closing Cash (Thousands)
- Year 1: 1.222
- Year 2: 2.459
- Year 3: 4.877
- Year 4: 10.264
- Year 5: 23.455

Revenue Growth rate

Net Movement in Cash

Assumptions

The key financial assumptions included in the financial projections are set out below:

	Year 1	Year 2	Year 3	Year 4	Year 5
Transaction fee	3.5%	3.5%	3.5%	3.5%	3.5%
Creditor days	30	30	30	30	30
Debtor days	3	3	3	3	3
Purchase of IT equipment	45,000	50,000	-	-	-
Income tax rate	22.0%	22.0%	22.0%	22.0%	22.0%

Funding Requirement

Funding to date has been provided by the owners. Funding of USD 50.000.000 is being sought to complete the development of the platform, hire people to handle support functions including sales, IT, finance, development, organizational matters and helpdesk support. Funding will also enable Gate2Buy PMI Blockchain to accelerate the speed and efficiency of the platform and to enable the business to scale and achieve its 5 year growth projections.

Team The Gate2Buy project is led by a team of experienced professionals in blockchain development, e-commerce, and finance. Our advisors include experts from the tech industry and seasoned entrepreneurs.

Conclusion Dukat represents a significant step towards a decentralized and efficient digital marketplace. By integrating Dukat with the Gate2Buy platform, we aim to create a thriving ecosystem that benefits all participants. Join us in shaping the future of commerce with blockchain technology.

Disclaimer This whitepaper is for informational purposes only and does not constitute financial advice. Please consult with a financial advisor before investing in cryptocurrencies.