



# White Paper



# PREFACE

<b>Abstract</b>	Page 1
<b>The Proposed Gold Mining Project</b>	Page 1
<b>Overview Of The Gold Market :</b>	Page 2
<b>Key Statistics And Trends:</b>	Page 3
<b>Property Overview:</b>	Page 3
<b>History Of Gold Mining In African Region:</b>	Page 3
<b>African Region's Gold Deposits:</b>	Page 3
<b>Property Details:</b>	Page 4
<b>The Property: Gold Mine In African Region</b>	Page 4
<b>Legal And Compliance:</b>	Page 4
<b>The Gold Economics For 10000 Hectares Of Mines</b>	Page 5
<b>Technology</b>	Page 5
<b>Benefits Of BEP-20 Standard</b>	Page 6
<b>VOLAMENA Tokenomics</b>	Page 7
<b>Roadmap:</b>	Page 7
<b>Governance:</b>	Page 7
<b>Benefits Of A Well-Designed Voting Process</b>	Page 8
<b>Addressing The Challenges:</b>	Page 9
<b>1. Enhanced Liquidity</b>	Page 9
<b>2. Reduced Transaction Costs</b>	Page 9
<b>3. Improved Accessibility</b>	Page 9
<b>4. Increased Security And Transparency</b>	Page 9
<b>5. Elimination Of Geographical Barriers</b>	Page 9
<b>6. Integration With Digital Finance</b>	Page 10
<b>Addressing Traditional Investment Challenges</b>	Page 10
<b>Price Dynamics:</b>	Page 10
<b>Meet Our Team</b>	Page 11





# Abstract

The project aims to jointly develop a 10,000-hectare gold field within the African Region

- ✦ The company has already acquired 625 hectares and started operations.
- ✦ Anticipated initial gold deposits range from 14 to 28 tons, with a long-term goal of reaching 225 to 400 tons over ten years.
- ✦ The project's value is estimated at \$1.53 billion USD (sale price) and \$1.07 billion USD (cost), forming the base figure for token supply to stakeholders.

## The Proposed Gold Mining Project

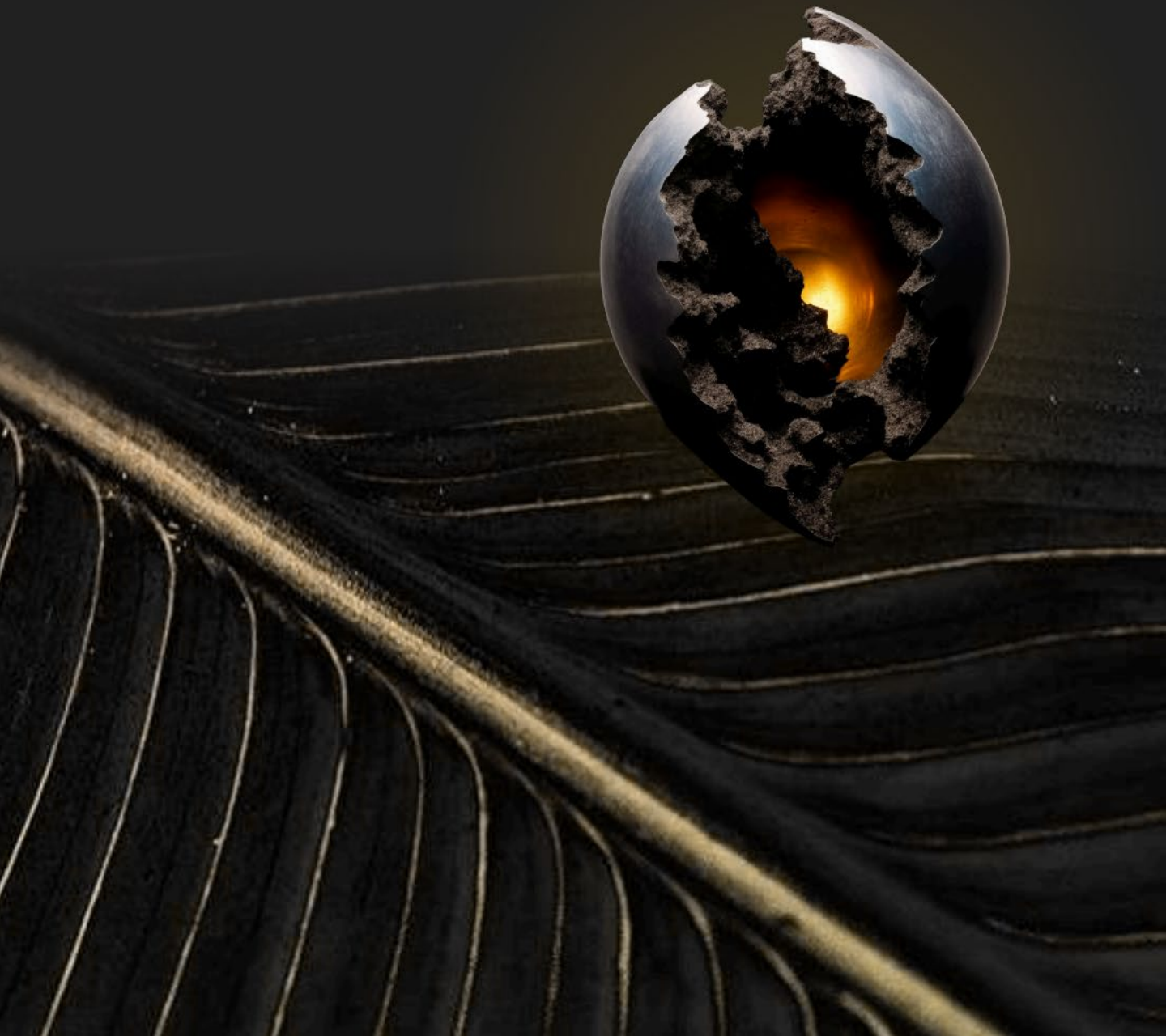
- ✦ The project aims to jointly develop a 10,000-hectare gold field within the African Region.
- ✦ The company has already acquired 625 hectares and started operations.
- ✦ Anticipated initial gold deposits range from 14 to 28 tons, with a long-term goal of reaching 225 to 400 tons over ten years.
- ✦ The project's value is estimated at \$1.53 billion USD (sale price) and \$1.09 billion USD (cost), forming the base figure for token supply to stakeholders.





## Overview Of The Gold Market :

Gold has been a highly valued commodity for thousands of years, serving as a medium of exchange, a unit of account, and a store of wealth. The global gold market includes various participants, from miners and refiners to investors and central banks. Gold is traded on major commodity exchanges such as the New York Mercantile Exchange (NYMEX), the London Bullion Market, and various electronic trading platforms.





# Key Statistics And Trends:



## Global Demand

The demand for gold is driven by jewelry, investment, technology, and central banks. In recent years, the annual global demand for gold has averaged around 4,000 tons.



## Supply

Gold supply comes primarily from mining (approximately 75%) and recycling (about 25%). Major gold-producing countries include China, Australia, Russia, and the United States.



## Price Stability

Gold prices are influenced by factors such as geopolitical stability, currency fluctuations, inflation rates, and interest rates. Historically, gold prices have shown long-term appreciation, providing a hedge against inflation and currency devaluation.

# Evolution Of Gold Mining And Trade:

## The Golden Legacy Of Mansa Musa:

-  Once upon a time in 14th century West Africa, Mansa Musa ascended to the throne of the Mali Empire, renowned for its immense wealth, particularly in gold. Long before his reign, civilizations like the ancient Egyptians had valued gold, but it was in the Bambuk region that West African gold truly flourished, establishing a vital trade network.
-  Mansa Musa recognized gold's potential and made it the foundation of Mali's economy, transforming it into one of the wealthiest regions globally. His legendary pilgrimage to Mecca in 1324 showcased his wealth, as he traveled with a vast caravan, distributing gold generously and inadvertently causing inflation in cities like Cairo. This journey solidified Mali's status as a symbol of prosperity.
-  Mansa Musa's legacy endured beyond his reign, fostering economic growth and opportunity across West Africa through mining and trade. His influence spread globally, captivating traders and explorers from India to Europe, all drawn by the allure of gold. Across continents, gold became a significant part of history, connecting cultures and shaping economies, its glimmer still captivating hearts today.

# The Tides Of Time – Across Continents

## Continent With Underlying Wealth

-  Africa holds some of the world's largest gold reserves, making it a key player in the global mining industry, with countries like South Africa, Ghana, and Mali leading in production. While gold mining is a major source of livelihood, it poses challenges such as environmental damage and poor working conditions, especially in small-scale operations.
-  Positive change is possible through sustainable and ethical mining practices, cleaner technology, and land restoration. Investing in local communities can enhance jobs, education, and healthcare. Fair wages and better safety standards can improve miners' conditions. Blockchain technology can ensure transparency and reduce illegal mining. Collaborative efforts between governments, companies, and communities can transform gold mining in Africa into a source of sustainable growth and empowerment.





## Mines & Mankind: Undefinable Bond

- ✿ Gold, characterized by its distinctive hue and malleability, has long symbolized wealth and status, valued not only for its use in jewelry and religious artifacts but also as a currency. The extraction of gold involves various techniques, from traditional panning to complex hard rock mining. While these activities can stimulate economic growth and create opportunities for communities, they also pose significant environmental challenges, altering landscapes and ecosystems.
- ✿ The global mining relationship is intricate; while it can drive economic development, it often leads to social and environmental issues. Countries rich in resources frequently experience the "resource curse," where mineral wealth does not translate to economic prosperity and may even exacerbate inequality. Balancing the economic benefits of mining with its community and environmental impacts is a critical global challenge.
- ✿ In small-scale mining operations, issues such as poor labor conditions, human rights violations, and environmental degradation are prevalent. Despite these challenges, there is potential for mineral wealth to fund infrastructure and social programs, driving development. As demand for accountability rises, mining companies are being held to higher standards regarding their environmental and social impacts, presenting an opportunity to reshape the industry's narrative for the benefit of society.





# Property Details:

## The Property: Gold Mine In African Region

### 1. Location And Overview

The gold mine property is strategically situated in one of the eastern gold deposit areas in African Region, specifically within the African Region.

Currently, the company holds a total of 625 hectares across 16 blocks for development in the initial phase.

The long-term vision is to develop a substantial 10,000 hectares of the project in various phases.

### 2. Key Highlights

#### Mining Area:

The existing property covers 625 hectares (equivalent to 1,250 acres). This will be expanded to 10,000 Hectares

The company has invested in developing road accessibility within the mining area.

#### Historical Context:

The gold mine property is located near gold mines that were operational during the colonial era.

Its proximity to these historical gold deposits adds to its potential.

#### Natural Features:

Two major rivers intersect the area, providing water resources for mining operations.

The property contains both primary (lode) and alluvial gold deposits.

Primary deposits are found in metamorphic terrains, with visible veins of gold-bearing quartz.

## Legal And Compliance:

- 👉 The company has obtained all necessary permits from government authorities, adhering to prevailing rules and regulations.
- 👉 Notably, securing environmental clearances and licences for mining projects can be challenging, but the promoters have successfully obtained them.

The gold mine property in African Region presents an exciting opportunity for investors, given its rich history, natural resources, and favourable regulatory environment.



## The Gold Economics For 10000 Hectares Of Mines

Mining Area	20,000	Acres
Selection For Alluvial Mining	9,000	Acres
Available For Mining	3,23,74,848	Sq.Mtrs
Washable Sand Depth	3	Mtrs
Total Area Sand For Washing	9,71,24,544	Sq.Mtrs
Alluvial Gold Sand	14,56,86,816	Cu.Mtrs
Estimated Washing Per Day 2 WP	9,600	MT
Extraction Of Gold (International Standard 2 To 3 Grams)	0.001	Kgs
Estimated Extraction Of Alluvial Gold Per Day	9.6	Kgs
Deduct Direct/Indirect Expenses	6.72	Kgs
Balance Available For Distribution	2.88	Kgs

## Technology

The **BEP-20** standard is a token standard on the **Binance** Smart Chain (BSC), which is similar to Ethereum's **ERC-20**. It defines a set of rules that a token must follow to operate on the BSC network. Understanding the **BEP-20** standard and its benefits is crucial for your whitepaper, especially when discussing the technical aspects and advantages of your gold-based cryptocurrency. Here are the key details and benefits:







# Benefits Of BEP-20 Standard

## 1. Low Transaction Fees

BEP-20 tokens benefit from the lower transaction fees on Binance Smart Chain compared to Ethereum. This cost-efficiency is particularly advantageous for frequent transactions and microtransactions, making it more accessible to a wider audience.

---

## 2. Fast Transactions

The Binance Smart Chain is designed for high performance, offering faster block times (approximately 3 seconds per block) compared to Ethereum. This results in quicker transaction confirmations and a more responsive user experience.

---

## 3. Interoperability

BEP-20 tokens are interoperable with various platforms and tools within the Binance ecosystem, including Binance Volamena, Binance Wallet, and numerous decentralised applications. This interoperability extends to Ethereum-based applications due to the standard's compatibility with ERC-20, allowing for cross-chain interactions.

---

## 4. High Throughput

BSC's high throughput capabilities mean it can handle a significant number of transactions per second, reducing congestion and delays. This is critical for maintaining the efficiency and reliability of your gold-based cryptocurrency.

---

## 5. Security

The Binance Smart Chain is secured through a Proof of Staked Authority (PoSA) consensus mechanism, combining aspects of both Proof of Stake and Proof of Authority. This provides robust security while maintaining efficient transaction processing.

---

## 6. Ease Of Deployment

Deploying BEP-20 tokens is straightforward, with comprehensive documentation and tools provided by Binance. This ease of deployment helps streamline the development process and reduces time to market.

---

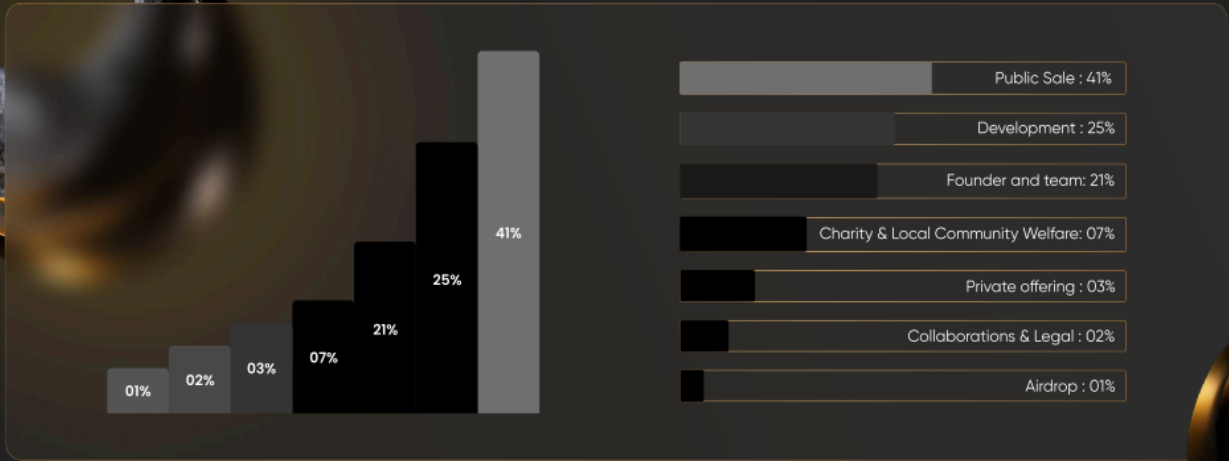
## 7. Community And Developer Support

The Binance Smart Chain is secured through a Proof of Staked Authority (PoSA) consensus mechanism, combining aspects of both Proof of Stake and Proof of Authority. This provides robust security while maintaining efficient transaction processing.

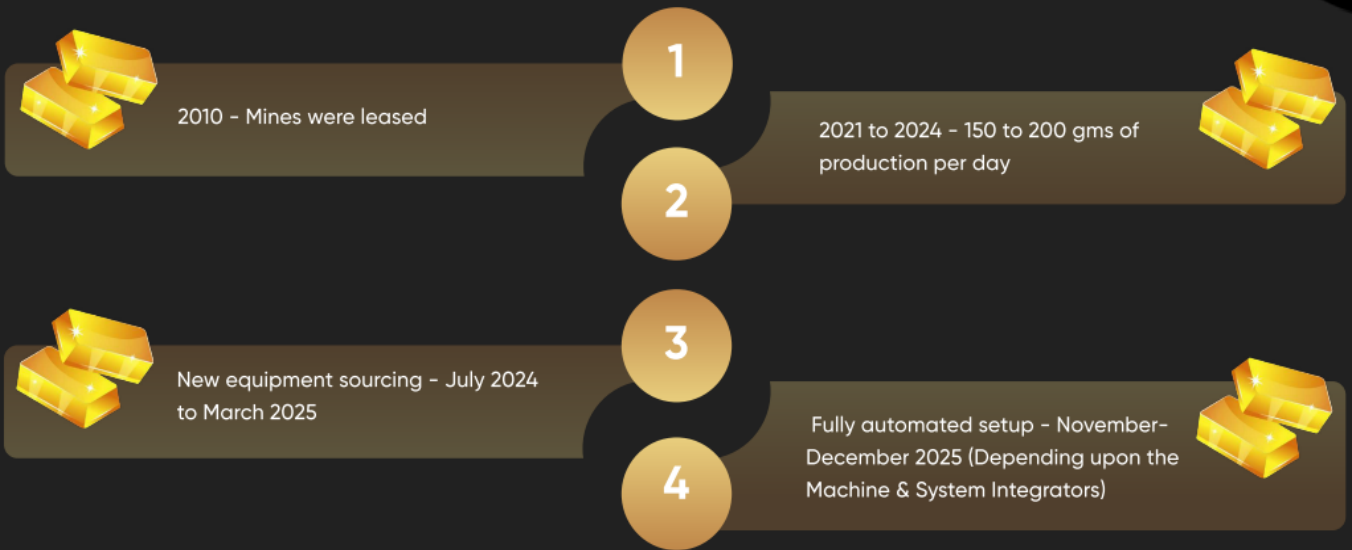


# VOLAMENA Tokenomics

No Of Tokens Issued- 1.09 Bn Tokens With Face Value Of 1 USD Each



## Roadmap:



## Governance:

Governance in decentralised exchanges (Volamena ) is a critical aspect that ensures the platform operates in a decentralised, transparent, and fair manner. Proper governance mechanisms allow token holders and community members to participate in decision-making processes, influencing the development and management of the Volamena. Here are key details and considerations to include in your whitepaper regarding governance in your Volamena:



## Voting Eligibility:

- + **Token Holding Requirement:** Only users holding governance tokens can vote. The amount of tokens required to vote can vary.
- + **Snapshot Mechanism:** A snapshot of the token holdings at a specific block is often taken to determine voting power, ensuring that token transfers do not affect the voting process.

## Voting Methods:

- + **Direct Voting:** Each token holder votes directly on the proposal. The more tokens they hold, the greater their voting power.
- + **Quadratic Voting:** Voting power is not directly proportional to the number of tokens held, but rather follows a quadratic function to reduce the influence of large holders and promote more democratic decision-making.
- + **Delegated Voting:** Token holders can delegate their voting power to a representative or delegate, who votes on their behalf.

## Benefits Of A Well-Designed Voting Process

### Decentralisation

Ensures that control of the Volamena is distributed among a wide range of stakeholders rather than concentrated in a few hands.

### Transparency

Provides a transparent and open decision-making process, enhancing trust among users.

### Adaptability

The demand for gold is driven by jewelry, investment, technology, and central banks. In recent years, the annual global demand for gold has averaged around 4,000 tons.

### Community Engagement

Encourages active participation and involvement from the community, fostering a sense of ownership and commitment to the platform's success.







# Addressing The Challenges:

## 1. Enhanced Liquidity

**24/7 Trading:** Unlike traditional gold markets that operate during specific hours, gold-backed cryptocurrencies can be traded around the clock on various digital exchanges. This continuous trading ability significantly enhances liquidity and provides investors with the flexibility to make transactions at any time.

**Ease of Transfer:** Volamena can be transferred quickly and easily across borders, eliminating the logistical challenges and delays associated with transporting physical gold.

## 2. Reduced Transaction Costs

**Lower Premiums and Fees:** The costs associated with buying, selling, and storing physical gold, such as premiums, storage fees, and insurance, are minimised with gold-backed cryptocurrencies. Blockchain transactions typically incur lower fees compared to traditional financial systems.

**No Storage and Insurance Costs:** Investors do not need to handle physical gold, thereby avoiding the costs and risks associated with secure storage and insurance.

## 3. Improved Accessibility

**Global Reach:** Gold-backed cryptocurrencies can be accessed and traded by anyone with an internet connection, making gold investment more inclusive and democratising access to this valuable asset.

**Fractional Ownership:** These digital tokens can be divided into smaller units, allowing investors to purchase and own fractional amounts of gold. This lowers the barrier to entry for gold investment, making it accessible to a broader range of investors with varying capital levels.

## 4. Increased Security And Transparency

**Blockchain Security:** Transactions involving gold-backed cryptocurrencies are secured through advanced cryptographic techniques and recorded on an immutable blockchain ledger. This reduces the risk of fraud and ensures the integrity of ownership records.

**Transparent Audits:** Regular audits of the physical gold reserves backing the tokens ensure that each token is fully backed by the corresponding amount of gold. Blockchain technology enables real-time verification of the gold holdings, enhancing transparency and trust.

## 5. Elimination Of Geographical Barriers

**Seamless Cross-Border Transactions:** Gold-backed cryptocurrencies facilitate easy and cost-effective cross-border transactions. This eliminates the need for complex regulatory compliance and logistical challenges associated with moving physical gold.

**Universal Accessibility:** Investors from around the world can buy, sell, and trade gold-backed tokens, providing a truly global investment opportunity.



## 6. Integration With Digital Finance

**Compatibility with DeFi:** Gold-backed cryptocurrencies can be integrated into decentralised finance (DeFi) platforms, enabling innovative financial products such as lending, borrowing, and staking.

**Smart Contract Capabilities:** These tokens can leverage smart contracts to automate and streamline various investment processes, such as dividend payments or automated rebalancing.

## Addressing Traditional Investment Challenges

Gold-backed cryptocurrencies effectively address many of the challenges associated with traditional gold investment:

**Liquidity Issues:** By providing a digital marketplace for gold, these tokens enhance liquidity and allow for quick and easy transactions.

**High Costs:** Lower transaction and storage costs make gold investment more economical.

**Security Concerns:** Blockchain technology ensures secure ownership and transfer of gold assets.

**Limited Accessibility:** Fractional ownership and global reach make gold accessible to a wider audience.

## Price Dynamics:

Token price may fluctuate based on gold market trends, production levels, and external factors.





# Meet Our Team



**Dmytrii Shypilov**

Data Science Enthusiast

A professional with an interdisciplinary academic background. Holding a Master's Degree in Economics he also shares solid knowledge in Biological Sciences, Programming, and Data Science. As a science enthusiast, he advocates the holistic and systemic approach to elaborating the right solution for any real-world problem.



**Anastasiia Korkushko**

Digital Marketing Specialist

A established digital marketing specialist with extensive experience in multiple projects in various industries (B2B and B2C segments). Her Master's Degree in Applied Linguistics adds substantial value to her expertise. Her exceptional communication skills contribute to her ability to manage teams effectively and coordinate the work processes most productively.







VOLAMENA

VOLAMENA

