

Atlantis Gold Whitepaper

(Version 1.0)



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Abstract

Atlantis Gold (AU) is a pure digital, gold-priced asset issued under the ATC-20 standard on AtlantisChain.

AU is directly pegged to the global gold price for onchain value storage and long-term value reference within the Atlantis Kingdom, operating in parallel to gold's role in the real-world economy.

AU is not backed by physical gold, provides no redemption rights, and exists entirely within the Atlantis Ecosystem as a fully digital equivalent of gold's economic function on Earth.

1. Introduction

Gold has served for centuries as a universal store of value, pricing reference, and monetary anchor in human society.

However, physical gold and its modern derivatives suffer from structural limitations that prevent efficient use in a real-time, digital, and global economy.

Atlantis Gold (AU) is designed to fulfill the economic function of gold without relying on physical custody, vaults, audits, or redemption mechanisms.

Atlantis Gold is purpose-built for a sovereign, ultra-fast blockchain ecosystem that operates in parallel to the physical gold economy.

2. Asset Definition

Atlantis Gold is a pure digital asset whose value is directly referenced to the global gold price.

Atlantis Gold:

- Is not physical gold
- Is not redeemable for physical gold
- Does not represent ownership of bullion
- Exists solely on AtlantisChain as a digital store of value

The gold price functions strictly as a numerical reference, allowing Atlantis Gold to behave economically like gold while remaining fully digital.

3. Design Principles

Atlantis Gold is built on the following core principles:

- Full onchain existence without offchain dependencies
- Elimination of custody, vault, audit, and legal risk
- Fixed supply with no inflation

- Long-term monetary stability over speculative mechanics

This design removes the weakest components of traditional gold products while preserving their economic strengths.

4. Gold Price Reference Mechanism

Atlantis Gold tracks the gold price as a value reference only.

- No physical backing is held
- No redemption is allowed
- No delivery or custody claims exist

The price reference mechanism ensures Atlantis Gold reflects gold's pricing behavior without inheriting physical constraints.

5. Comparative Analysis of Gold Products

1) Physical Gold:

- Requires complex storage, insurance, transport, and safekeeping
- Illiquid for real-time settlement
- Subject to jurisdictional and confiscation risk

2) Paper Gold and Exchange-Traded Instruments:

- Depend on intermediaries and clearing systems
- Exposed to counterparty risk
- Limited accessibility outside traditional markets

3) Physically Backed Onchain Gold Tokens:

- Depend on vault custodians and audits
- Redemption is permissioned, size-restricted, and jurisdiction-bound
- Create operational failure risk when legal or regulatory actions restrict custody, auditing, or redemption processes

4) Atlantis Gold (AU):

- Fully onchain and continuously settleable on a global basis, including future interplanetary network environments supported by the AtlantisSpace node system
- Fixed supply minted at genesis — designed for long-term scarcity
- No custody or vault dependency
- No audits or redemption processes
- Not dependent on physical custody-based jurisdictional or confiscation risk

6. Strategic Role Within the Atlantis Ecosystem

Atlantis Ecosystem contains a large and expandable range of fiat-pegged ATC-20 stablecoins and native ATC assets, forming a complete onchain monetary framework.

Within this framework, Atlantis Gold functions as:

- A long-term value reference
- A pricing benchmark for digital assets and services
- A portfolio stabilization instrument
- A settlement and collateral reference unit
- A staking-eligible asset within onchain earning mechanisms

7. Atlantis Ecosystem Advancement

Atlantis Gold is a core advancement component of the Atlantis Ecosystem, strengthening its monetary depth, asset diversity, and long-term stability.

By introducing a gold-priced digital asset with 9 decimals, AtlantisChain expands beyond payment and transaction efficiency into a full-spectrum digital economy capable of supporting savings, long-term value preservation, and both macro- and micro-level asset allocation.

Atlantis Gold enables:

- A non-fiat value reference within the ecosystem
- Gold-based pricing for goods, services, and contracts
- Treasury diversification for institutions and platforms
- Long-horizon economic planning onchain

As the Atlantis Ecosystem grows to include stablecoins, multi-chain-initiated assets, trading platforms, payment gateways, banking systems, and AI contract systems, Atlantis Gold acts as a stabilizing monetary anchor that enhances ecosystem resilience and credibility.

This advancement positions AtlantisChain not only as the world's ONLY ultra-super-fast layer-0 settlement blockchain, but also as a complete digital financial foundation capable of supporting long-term economic activity across borders.

8. Technology Advantages

Atlantis Gold is issued under the ATC-20 standard on AtlantisChain, which provides:

- 3,600,000 transactions per second (TPS)
- 0.031-second block time
- Fixed ultra-low gas fee of 0.0000002 ATC
- Instant finality within 0.0093 seconds
- AI contract execution

These technical characteristics enable Atlantis Gold to operate as a real-time gold-priced asset without congestion or settlement delays.

9. Supply Model

The total supply of Atlantis Gold is fixed and fully minted at genesis.

- No additional issuance is possible
- No inflation mechanisms exist
- Supply rules are immutable and enforced by AI contracts
- Token precision of 9 decimals

This mirrors physical gold's natural scarcity while remaining fully onchain and entirely digital.

10. Long-Term Tokenomics

Atlantis Gold is not designed for short-term monetary manipulation, but for structural longevity.

It is designed with a 100-year monetary horizon.

- Fixed total supply minted at genesis, with partial distribution released on a predefined schedule every 5 years
- Designed to persist across multiple economic cycles
- Fixed supply supports long-term value preservation
- No discretionary monetary expansion

11. Risk Disclosure

Atlantis Gold exists exclusively within the Atlantis Ecosystem and:

- Is not physical gold
- Is not redeemable for gold
- Does not represent a claim on bullion
- Is not a debt instrument
- Is not issued by a central bank

12. Conclusion

Atlantis Gold (AU) introduces a new class of gold-priced digital asset that is fully onchain, non-redeemable, physically unbacked, and structurally aligned with gold's historical economic role, operating natively on AtlantisChain across the Atlantis Ecosystem.

By removing physical constraints and offchain trust dependencies, Atlantis Gold becomes the definitive digital gold instrument of the Atlantis Kingdom, operating in parallel with the real-world gold economy at the same price reference in U.S. dollars.