



**TAKAS**  
İSTANBUL

# Takasbank Gold Transfer System (GTS) and One Gram Gold (BiGA)



# Takasbank Gold Transfer System (GTS)

Gold Transfer System (GTS); Enables Banks' customers to transfer gold balances from their gold deposit accounts held in banks electronically between banks from person (P2P) to person in

- ***Fast***
- ***Reliable***
- ***Economic***

manner.

# Objectives

## Full Mobilization

- To ensure the fast and reliable transfer of gold in bank accounts through the interbank transfer system.
- To realize the redemption and coupon payments of gold denominated sukuks, treasury bills / bonds, private sector bonds.

## Gold Transaction within the National Platform

- To attract under-the-mattress gold into the financial system.
- To provide the basis for the transferring of banks' gold balances abroad back to our country.
- To provide the infrastructure of swap transactions of gold products with other financial instruments in our country.
- To contribute to the development of the interbank loan market.
- To form the appropriate infrastructure for gold to be used as a payment instrument.

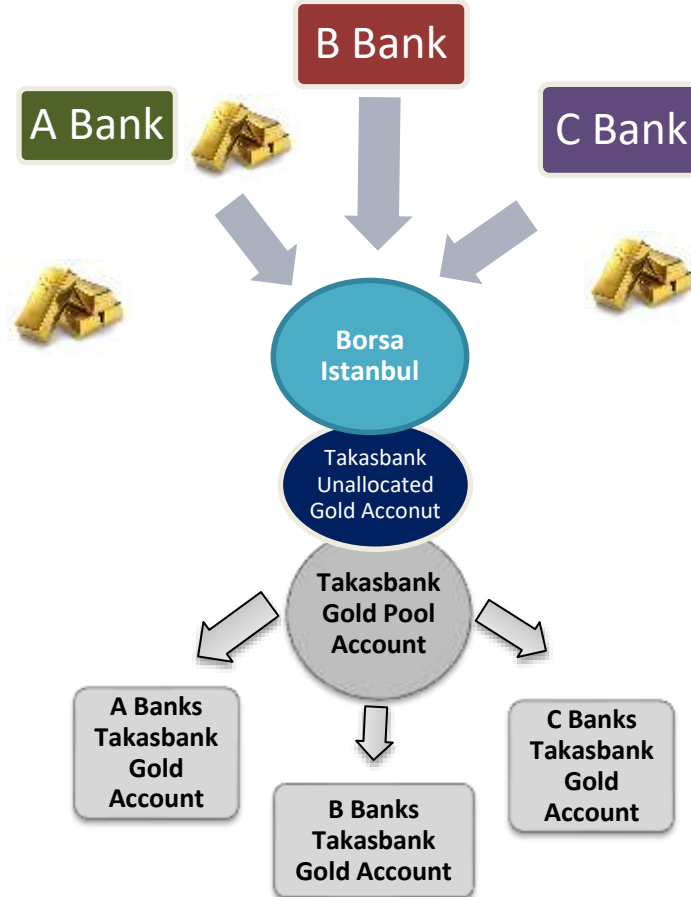
## Strengthening Interbank Competition

- To increase competition between banks in gold pricing in favor of customers.

# Gold Transfer System

- Physical gold delivery to Borsa Istanbul
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- Gold Deposits by members within Takasbank
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- The Supply of Takasbank's Borsa Istanbul Dematerialized Gold Account
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- Transfer of gold from member accounts with sufficient gold balance.
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# Transaction Rules

**Value  
Date**

**Minimum Value Date T+0  
Maximum Value Date T+90**

**Standard**

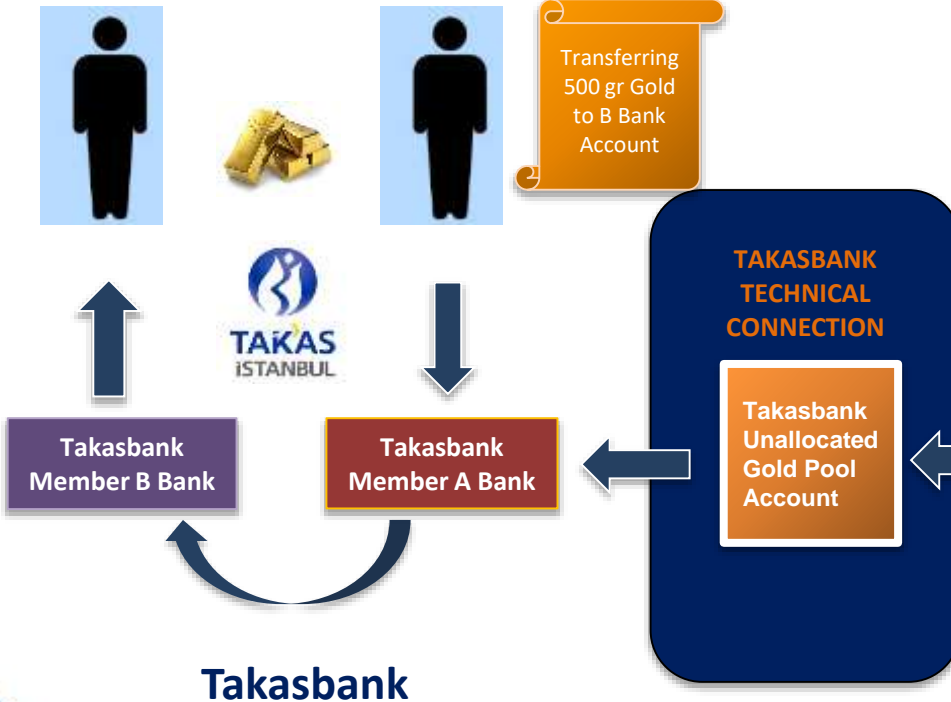
**995/1000 LBMA Gold Standard**

**Transaction  
Base**

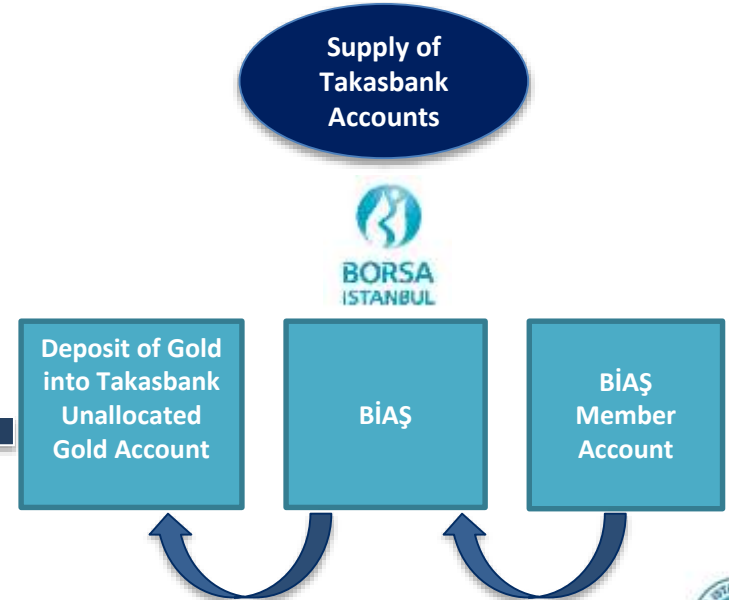
**Minimum 1 gram  
Maximum Limitless**

# Operational Flow

## Inter-member Gold Transfer



## Takasbank - Borsa İstanbul Connection



# BiGA Project

- The goal is to built an infrastructure used to transfer standardized&dematerialized gold, which is physically stored as unallocated at BIST vaults on behalf of Takasbank, using blockchain technology
- BiGA (One Gram Gold) Digital Gold is physically-backed, compliant with regulations and offering maximum privacy and security



# GTS v BiGA

## GTS

Transfer with conventional infrastructure

5 days 09:00-17:00 work hours

Completely based on Takasbank infrastructure

Peer to peer transfer

## BiGA

Blockchain infrastructure

7/24 availability

Reporting quickly

Collaboration with participants

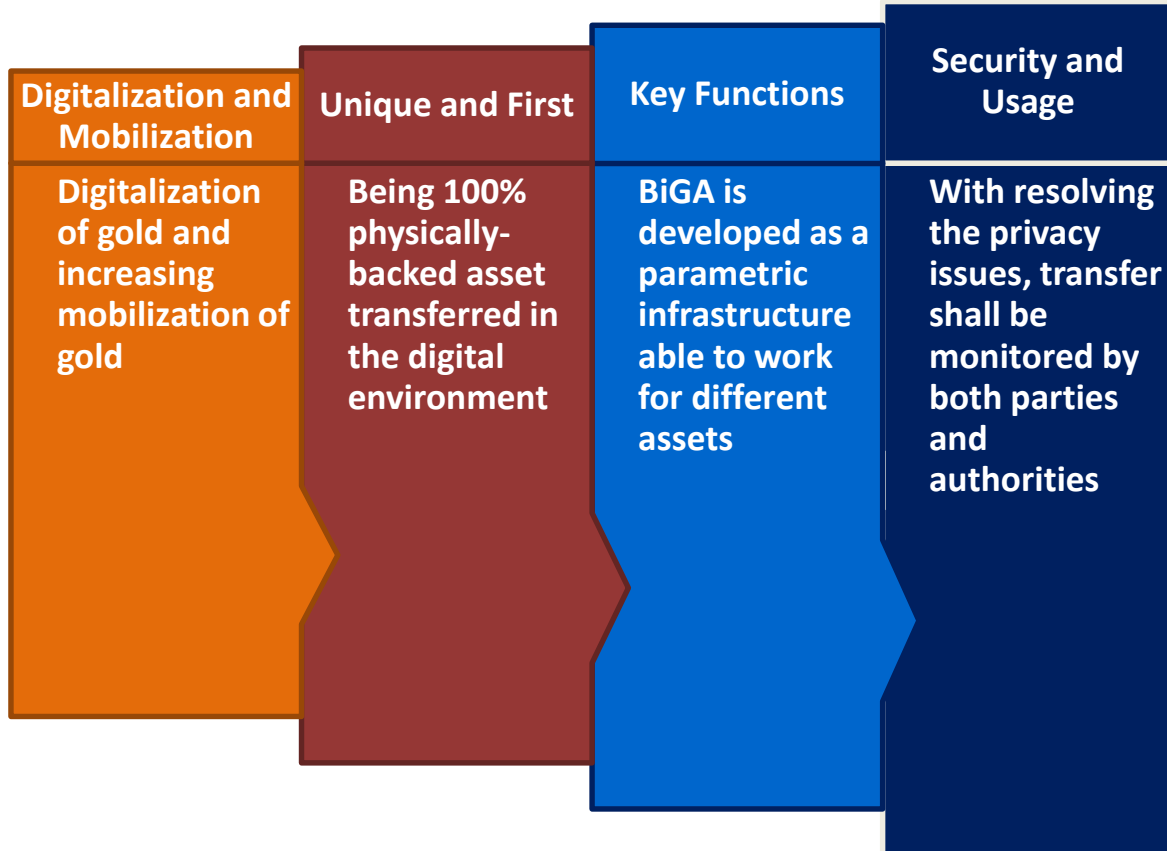
Peer to peer transfer

Various assets can be represented (Silver, etc.)

Reducing infrastructure cost



# Achievements



# Participants

- ALBARAKA TÜRK KATILIM BANKASI A.Ş.
- KUVEYT TÜRK KATILIM BANKASI A.Ş.
- T.C. ZİRAAT BANKASI A.Ş.
- TÜRKİYE GARANTİ BANKASI A.Ş.
- TÜRKİYE VAKIFLAR BANKASI T.A.O
- ZİRAAT KATILIM BANKASI A.Ş.
- T. HALK BANKASI A.Ş.\*
- DENİZBANK A.Ş.\*



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# Thank You



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