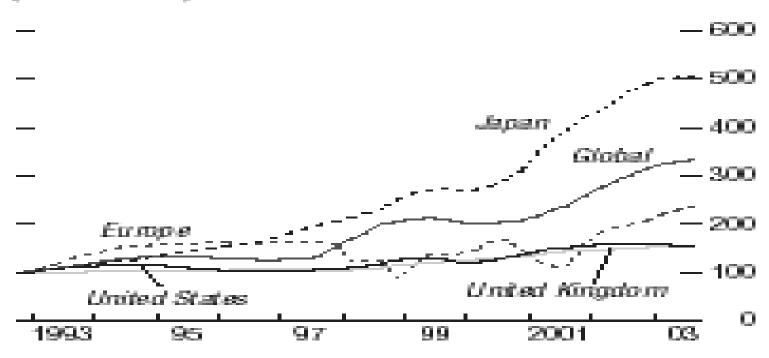
# Excess Liquidity, Bond Market Development And Business Opportunity for Financial Institutions in the Caribbean

By Ram Ramesh, CFA Managing Director & CEO



# Global Central Bank Liquidity Index

#### Global Central Bank Liquidity Index (1993 = 100)

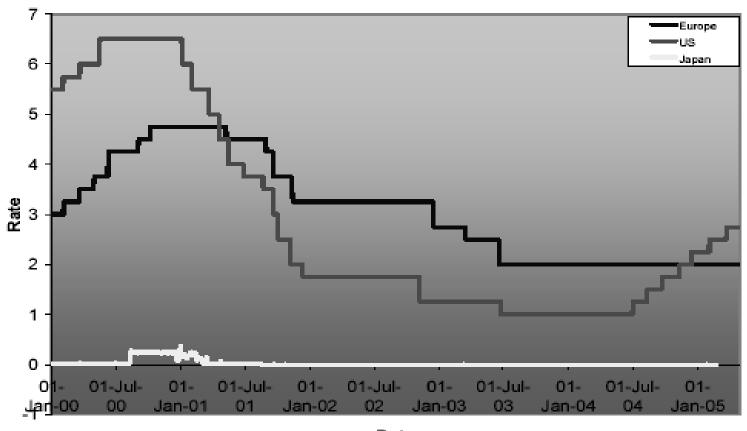


Sources: IWF, *International Financial Statistics*; EconData Pty. Ltd.; Bloomberg L.P.; and IWF staff estimates.



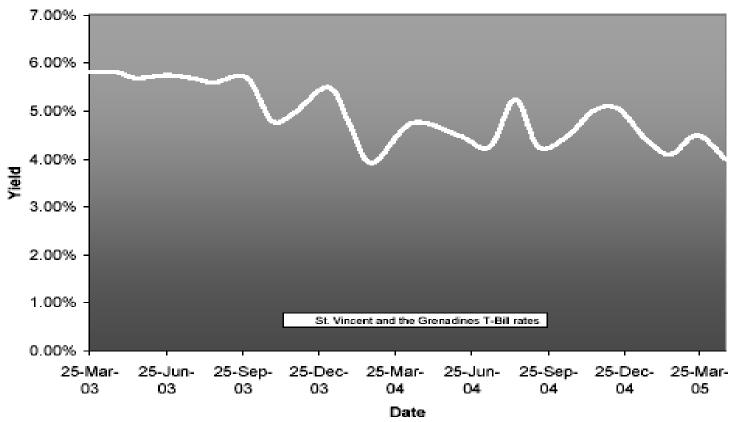
### **International Financial Markets**

#### US, Europe, Japan Interest Rates



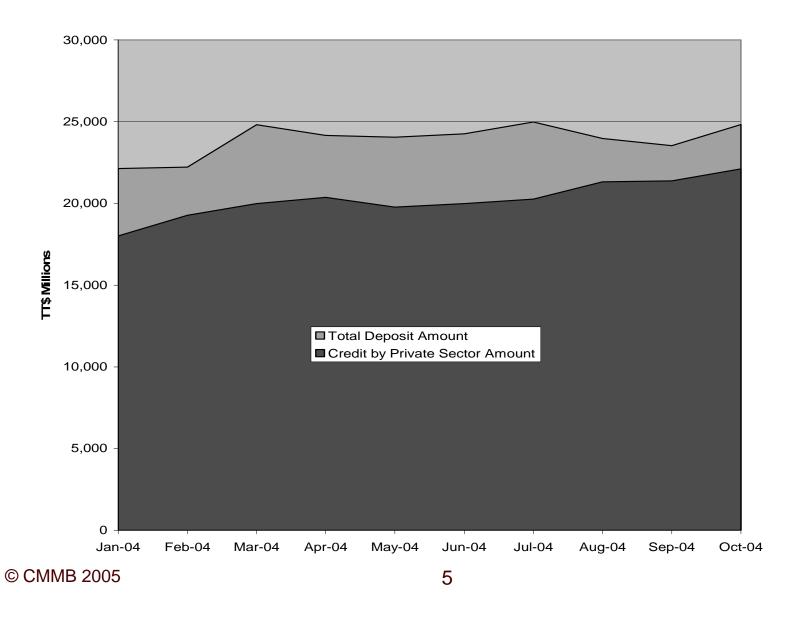
# St Vincent and the Grenadines 90 Day T-Bill

#### St. Vincent and the Grenadines T-Bill rates



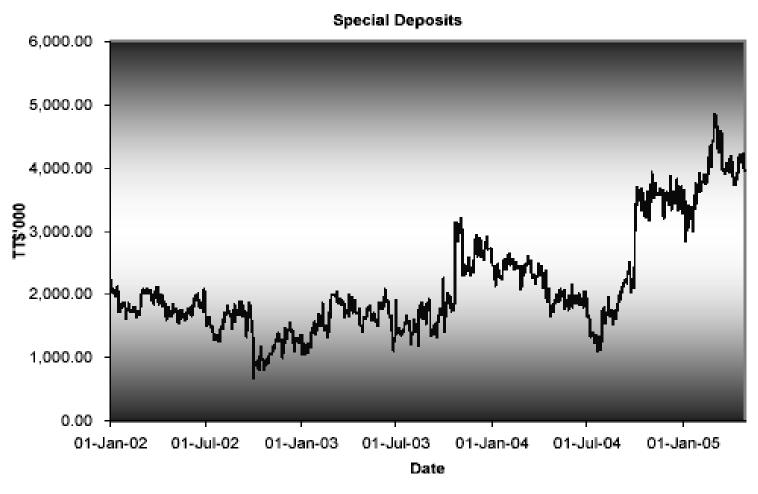


# **Excess Liquidity in Trinidad**



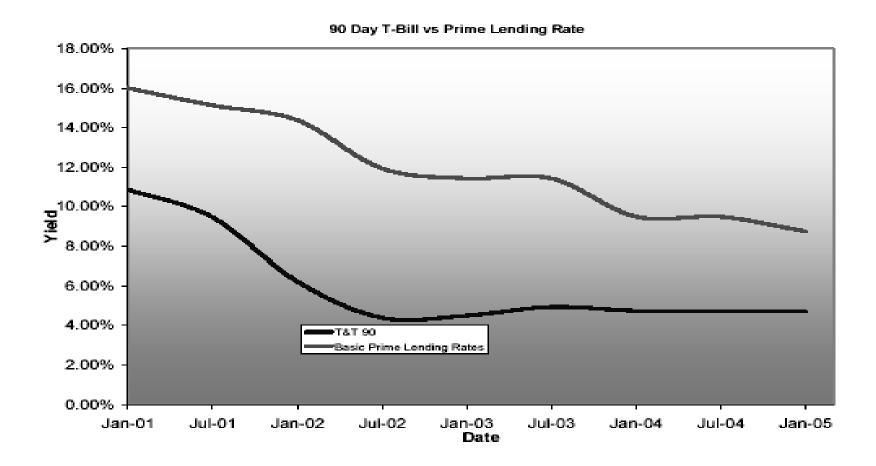


# **Special Deposits**



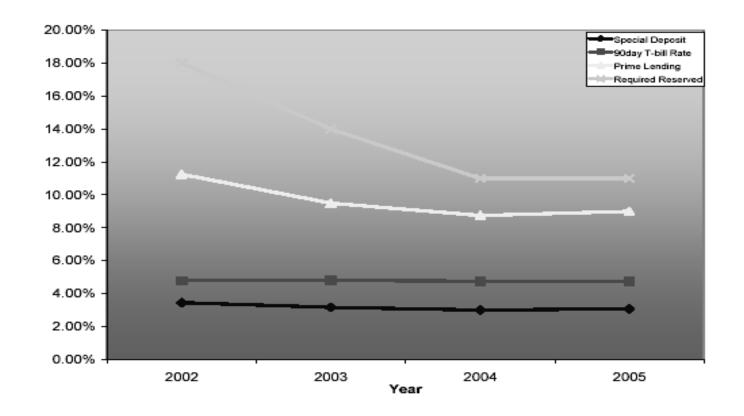


### 90 Day T-Bill vs. Prime





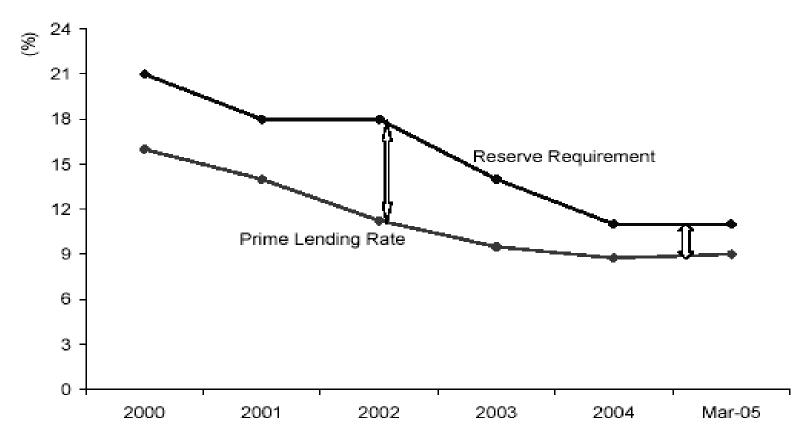
# Special Deposit, 90 day T-Bill, Prime Lending, Required Reserved





# Reserve Requirement vs. Prime Lending Rate

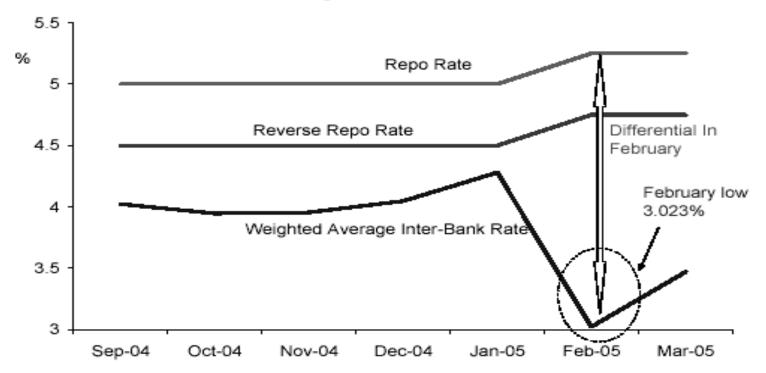
#### Reserve Requirement For Commercial Banks in Trinidad and Tobago





### **Central Bank Interest Rates**

#### Central Bank Repo and Reverse Repo Rates & Weighted Average Overnight Interbank Interest Rate



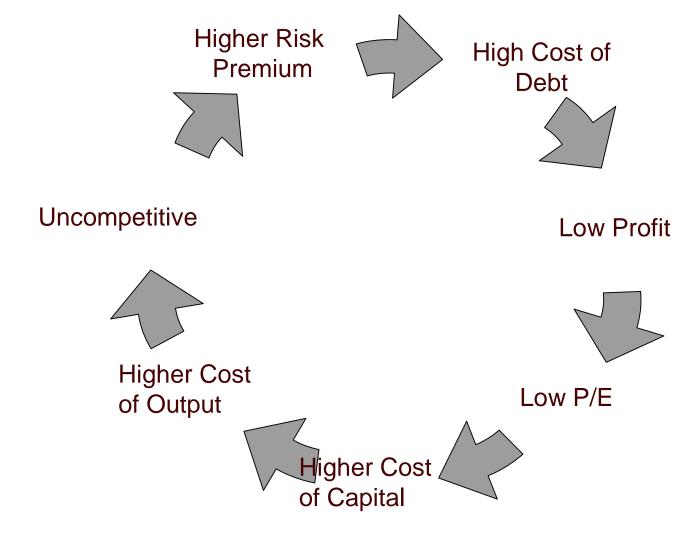


### **Role of Bond Markets**

- Price Discovery
- Price Efficiency
- Market Completeness
- Risk Allocation



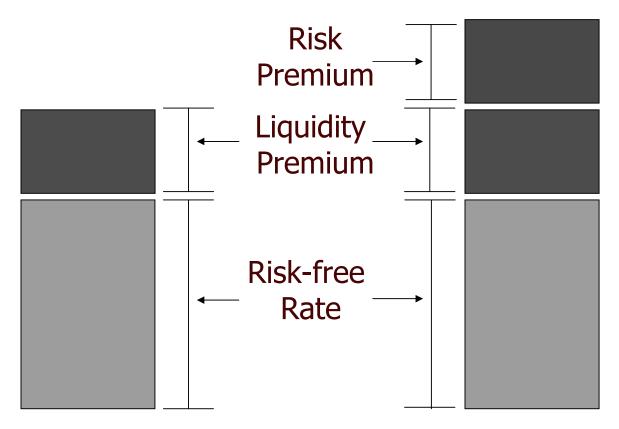
# Vicious Cycle of Cost of Capital





# Higher Cost of Borrowing Due to Lack of Liquidity

### **Interest Rate**



**Government Debt** 

Corporate Debt



# Secondary bond market is vital

- Increased liquidity of debt instruments
- Higher level of investor confidence in debt instruments
- Decrease in cost of funds as more investors participate
- Facilitates reduction in reserve requirements for banks
- Savings levels can be enhanced with the prospect of higher returns
- Complementary role to the stock market



# The risks of doing nothing

- Poor credit quality countries and companies draining capital without proper understanding of credit exposure by investors (need fulfilled by a rating agency)
- Capital may dry up if a secondary market does not exist
- Poor understanding of credit and market risks if skills are not upgraded urgently



# **Lesson from the 1997 Asian Crisis**

"Countries with the greatest deficiencies in their financial infrastructure experienced the most severe hardship during the crisis."

Eric S. Rosengren, Senior VP & John S. Jordan, Economist, Federal Reserve Bank of Boston on the Asian crisis.



### **Business Opportunities**

- Development of bond market
- Market based funding opportunities
- Credit ratings, credit analysis and bond pricing
- Bond depository
- Custodial and Clearing systems
- Derivatives (Interest rate swaps)
- Stock Market



# Infrastructure Elements for a Bond Market

- Credit Ratings
- Yield Curve
- Primary Dealers
- Market Makers
- Settlement & Payment Systems
- Custodial & Depository Services
- Securities Market Regulations



### CMMB's Role

- Providing information to investors on the securities market
- Sharing knowledge with the market
- Contributing to the development of the securities market



# Thank you!

