

# Cautionary Note on Forward-Looking Statements

Today's presentation may include forward-looking statements. These statements represent the Firm's belief regarding future events that, by their nature, are uncertain and outside of the Firm's control. The Firm's actual results and financial condition may differ, possibly materially, from what is indicated in those forward-looking statements. For a discussion of some of the risks and factors that could affect the Firm's future results and financial condition, please see the description of "Risk Factors" in our current annual report on Form 10-K for our fiscal year ended December 2009.

You should also read the information on the calculation of non-GAAP financial measures that is posted on the Investor Relations portion of our website: www.gs.com.

The statements in the presentation are current only as of its date, February 9, 2011.

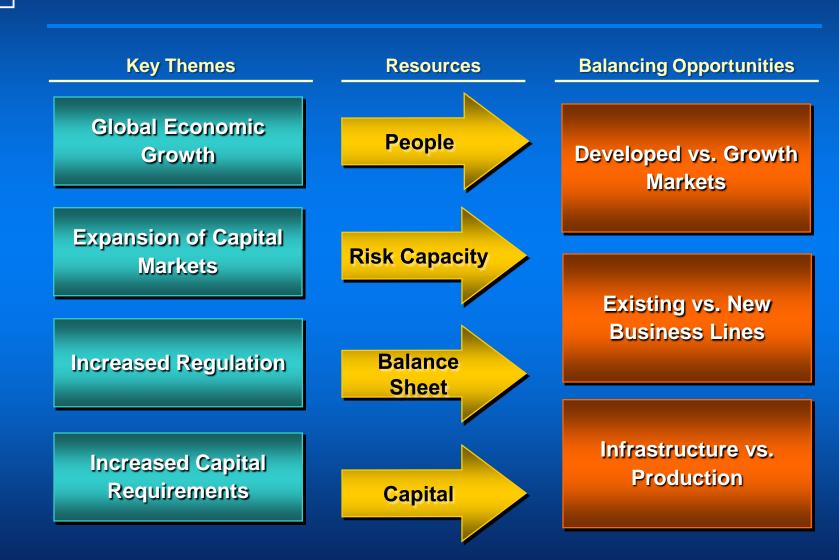


# Goldman Sachs Presentation to Credit Suisse Financial Services Conference

David Viniar Chief Financial Officer February 9, 2011



### Nimble Allocation of Resources





## **Responding to Macro Themes**

#### **Macro Trends**

#### Globalization

**Decimalization** 

Market Fragmentation

**Volume Growth** 

Product Innovation

Regulation

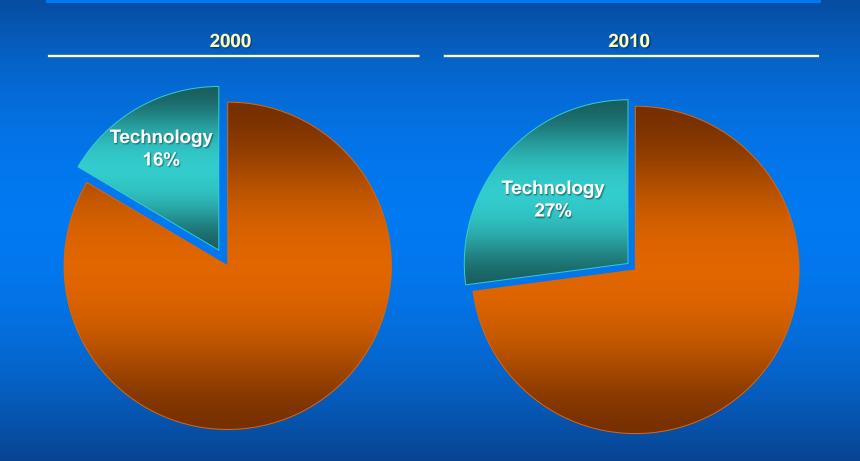
#### **Investments**

- Expanded execution capacity
- Front-to-back automation
- Ability to handle new product offerings
- New business infrastructure
- Enhanced client experience
- Investment in risk management and controls



# **Technology Headcount**

#### **Percentage of Total Staff**

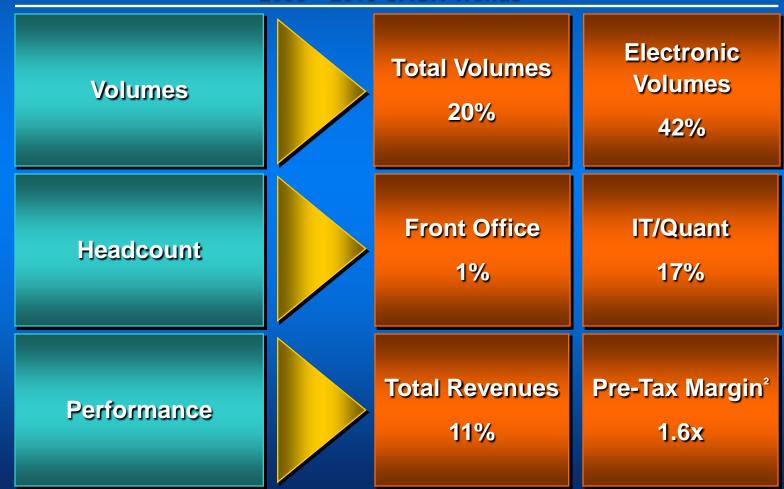




# **Resource Allocation Case Study**

**FX Business<sup>1</sup> Trends** 

#### **2005 – 2010 CAGR Trends**



<sup>&</sup>lt;sup>1</sup> FX Business includes G10 Currencies

<sup>&</sup>lt;sup>2</sup> Represents the 2010 pre-tax margin as a multiple of 2005 pre-tax margin



## **Headcount Trends**

#### **Focus on High Growth Markets**





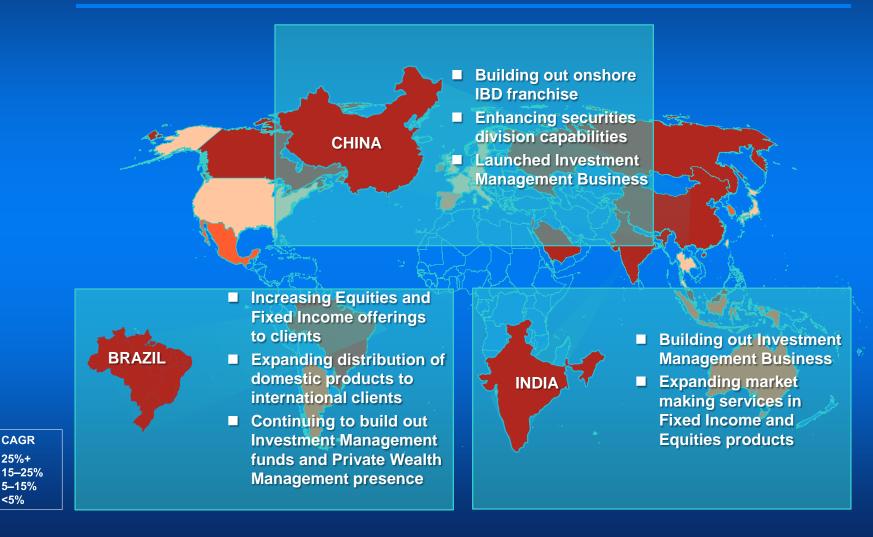
**CAGR** 

25%+

5-15% <5%

#### **Headcount Trends**

#### **Focus on High Growth Markets**





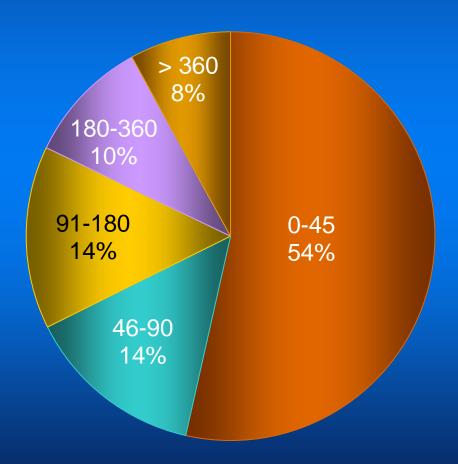
# Risk Management Framework

Aged Inventory	Balance sheet cost increases with time
	~80% of our inventory turns over within 6 months on average
Value at Risk (VaR) Stress Tests	■ ~300 VaR and stress test limits allocated
Balance Sheet	■ \$911 billion assets
	~80 balance sheet limits allocated
Counterparty	~32,000 counterparty credit limits allocated
Sector	~24,000 sector credit limits allocated
Geography	■ ~24,000 geographic credit limits allocated
Product	~31,000 product credit limits allocated



# Aged Inventory Number of Days before Turnover

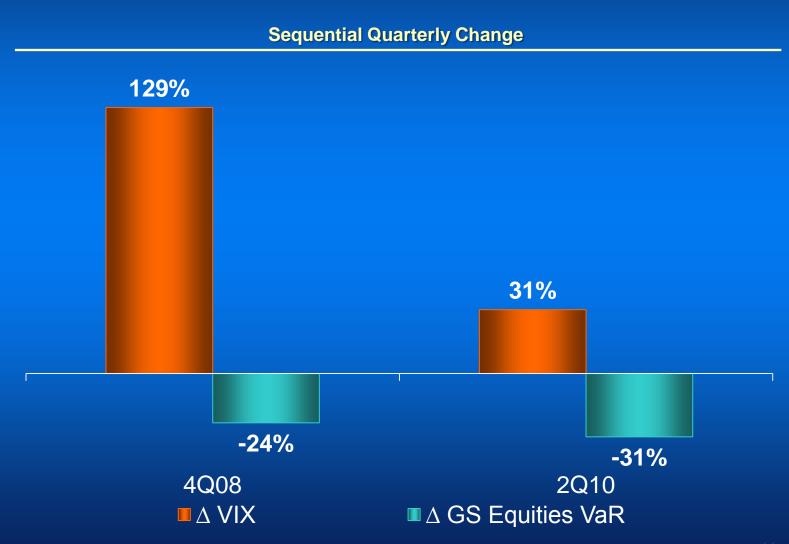
1Q07 - 3Q10 Quarterly Average Days as % of Balance Sheet





# Value at Risk (VaR) Case Study

**Average VIX vs. Average GS Equities VaR** 





#### The Role of Stress Tests

**Credit Spreads Widening** 

**Macroeconomic Tests** 

**PB Margin Stressing** 

**OTC** Derivative Test

**CVA Stress Testing** 

Reverse Stress Tests

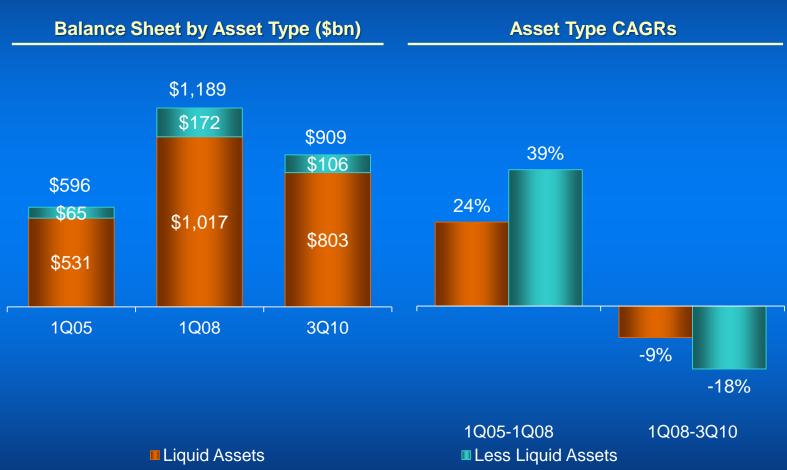
**Modeled Liquidity Outflow** 

- Tail risk
- Concentration risk
- Basis risk
- Correlation risk
- Normalize for current environment
- Liquidity risk



#### **Balance Sheet Evolution**

#### **Asset Liquidity**



Moto:

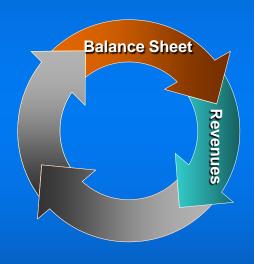
Liquid Assets include: Cash and segregated cash, Receivables, Resale Agreements / Securities Borrowed, U.S. Governments / Agencies and Sovereigns, Commercial Paper and Certificates of Deposit, Municipal and Investment Grade Corporate Bonds, and Non-restricted Public Equities

Less Liquid Assets include: Mortgage and other asset-backed loans and securities, Bank Loans and Bridge Loans, High Yield Corporate Bonds, Emerging Market Debt and Equity Securities, Investments in funds that the firm manages, Private and Restricted Equities, and the firm's Other Assets



## Return Optimization Framework

#### **Balance Sheet and Revenues**



- Balance sheet monitored daily both by business unit and on a consolidated basis
- Assets allocated by business and movements resulting from new business activity as well as market fluctuations are analyzed
  - Assets only permitted to grow to the extent we believe we can source adequate funding and maintain appropriate funding and capital metrics
- Balance sheet limits set conservatively to promote routine escalation and discussion among business unit managers and risk managers



# Return Optimization Framework Cost of Carry



#### Market value based

Charged on market value rather than the cost basis of individual positions

#### Consistency

Based on asset type that is applied consistently across businesses

#### Transparency

 Rates updated regularly and available to businesses in real time

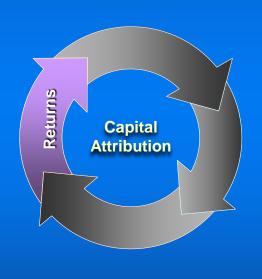
#### Governance

 Policies subject to firmwide committee oversight



## **Return Optimization Framework**

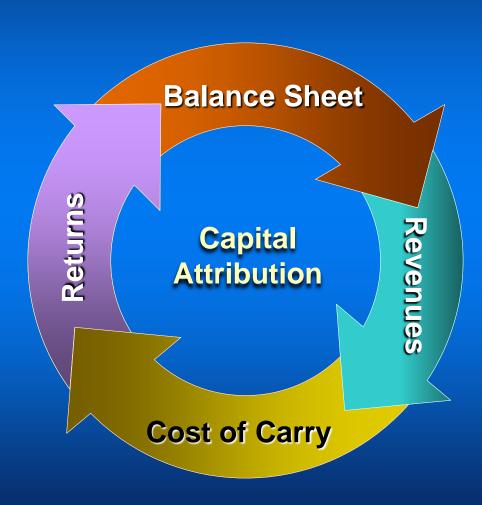
#### **Capital Attribution and Returns**



- Capital is calculated on a four walls basis attributing:
  - Market Risk
  - Credit Risk
  - Operational Risk
- Goldman Sachs attributes capital using different capital regimes including:
  - Basel 1
  - Basel 2
  - Basel 3
  - Internal Capital Adequacy Assessment Process



# **Return Optimization Framework**

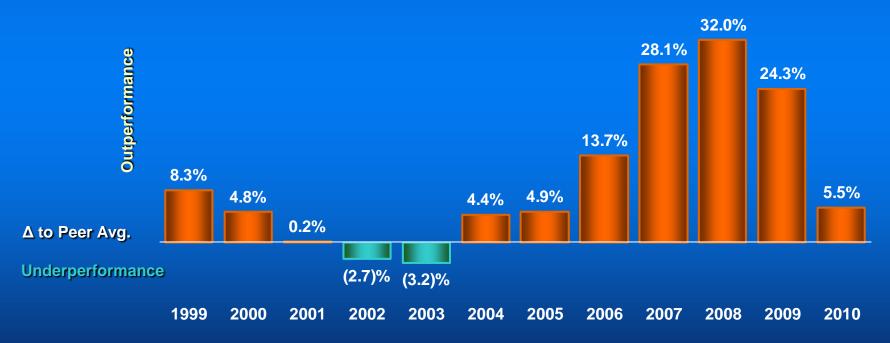




#### **Over / Under Performance**

#### **GS ROE Relative to Peers**<sup>1</sup>

- GS Average ROE of 20.2% vs. Peer Average ROE of 10.2%
  - GS Premium to Peer Average: 10.0%
- Average ROE Outperformance of 2.0x
- Outperformance greatest in low industry-wide ROE environments



<sup>&</sup>lt;sup>1</sup> Average ROEs calculated from 1999 through 2010, Represents GS' average annual Return on Equity (ROE) relative to peer group from 1999-2010; GS ROE equals net earnings applicable to common shareholders divided by average monthly common shareholders' equity; GS ROE for 1999 and 2000 are pro forma as previously publicly disclosed; Peer group includes JPM, MS, BAC, C, MER (excl. 2009-10), LEH (excl. 2009-10) and BSC (excl. 2009-10); Calculations based on reported data



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