

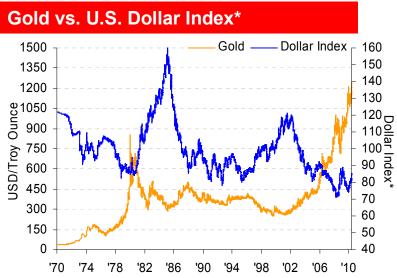


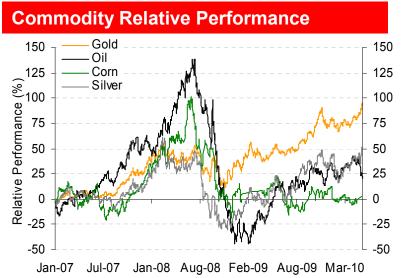
## Introduction

- HSBC is delighted to participate in the Peru International Gold Symposium
- This presentation has been put together to complement the discussion: it won't cover everything in 15 minutes!
- The purpose of today's session is to:
  - Provide a summary of financing considerations for precious metals businesses
  - Have a Q&A discussion among the participants
- HSBC is one of the largest and best capitalized banks in the world, with expertise in precious metals, mining and project financing
- We are committed to Peru and Latin America
- We seek to continue to build our presence in Peru and look forward to developing close, long term relationships

## **Gold Historical Performance**







\*U.S. Dollar Index indicates the general int'l value of the USD

Source: HSBC, Bloomberg

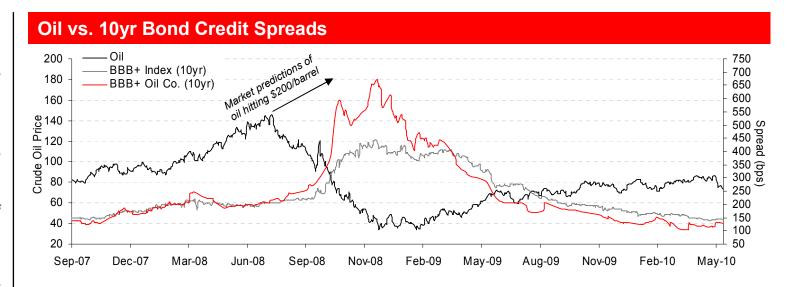
## Commodity Price Volatility: Opportunity & Risks

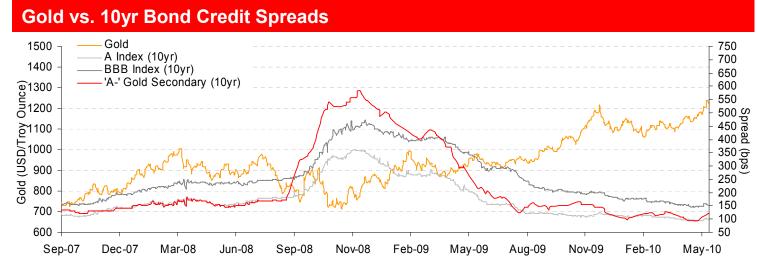
The credit and financial crisis of the past few years has had a direct impact on commodity price volatility

Credit spreads have proven to be highly correlated to the varying strength/weakness in the respective commodities of related credits

This was evidenced most recently in the energy sector where a sharp sell off in oil drove energy corporate spreads wider relative to their peers

With an uncertain economic outlook, the potential for future commodity price volatility remains an important consideration





Source: HSBC, Bloomberg



## Access To Financing for Precious Metals – Initial Thoughts

Project Sponsors can explore multiple sources of financing that are potentially available today:

Hedging (gold or byproducts)

Corporate Level Financing

**Project Financing** 

International and Local Bank Markets

International and Local Bond Market

**Equity Capital Markets** 

Multilateral Development Banks

**Export Credit Agencies** 

Royalties or similar arrangements

- Spectrum of Appetite for Risk multiple factors
- Not an exact science, varies by bank / investor, but from a financing perspective, the following are generally important:

Key Risk	Mitigation					
Sponsor Risk	<ul> <li>Lenders seek a long term sponsor commitment through equity investment, other financial support, and supply of experienced personnel to the management team</li> <li>Track record in the sector and country of the operation are important</li> </ul>					
Construction Risk	<ul> <li>Associated with projects under development or significant expansion programs</li> <li>Support in the form of sponsor completion guarantee or LC</li> <li>Conventional, proven technology should be used wherever possible</li> <li>Warranties, letters of credit, performance bonds, and retainage</li> </ul>					
Reserve Risk	<ul> <li>Independent review of drill assays, resource estimates, and reserve calculation</li> <li>2P reserves should support a mine life at least equal to the financing period</li> <li>Contingency headroom for unexpected deviations in ultimate ore grade</li> </ul>					
Price Risk	<ul> <li>Hedging expected production and / or by-product</li> <li>Base case financial assumptions must use conservative prices, such as a long term historical average and "back-casting" prices across the commodity cycle</li> <li>Financial Projections should be robust through a downside sensitivity analysis</li> <li>Off-take agreements</li> <li>Financial covenants requiring minimum DSCR, reserve tail, LLCR, and project life</li> <li>Revenues should be paid into an offshore account controlled by lenders</li> </ul>					



# Precious Metals Financing Considerations (cont'd)

Key Risk	Mitigation			
Collateral / documentation risk	<ul> <li>ISDA Master Agreement to govern hedge arrangements, particularly for 1 year +</li> <li>Collateral packages will vary from unsecured to multi-faceted, depending on the other risk factors, but can include pledges of shares, permits and licenses, real property, buildings and equipment, bank accounts, off-take agreements, and more</li> </ul>			
Operating Risk	<ul> <li>Where is the asset positioned / expected to position along the industry cost curve?</li> <li>Experienced operator with a good track record or a robust management agreement</li> <li>Operating incentives should align the operator's interest with the sponsors'</li> <li>The mine plan, process, engineering and management experience reviewed by an independent engineer</li> <li>Strip ratios, recoveries, OpEx reviewed by a capable technical advisor</li> <li>Sensitivity of the project to fuel costs and review of power purchase arrangements and the local electricity system's power generation and transmission facilities</li> <li>An acceptable insurance package including business interruption insurance</li> </ul>			
Environmental Risk	<ul> <li>The Project will need to meet domestic and IFC/World Bank social and environmental standards</li> <li>Key permits and expected permit approval</li> <li>The government, community, lenders and NGOs will provide independent external oversight of the Project</li> </ul>			
Political Risk	<ul> <li>Peru is an investment grade country and has shown strong historic GDP growth</li> <li>Although worldwide inventory reductions has led to a sharp fall, the worst appears to be over, with gains expected during 2010</li> <li>According to S&amp;P, its GDP has grown higher than its peer group median in real terms over the past five years and will continue to do so</li> <li>Peru's sound public finances (Peru is a net public creditor) and comfortable reserve cushion will support continued stimulus measures, despite moderate deterioration</li> </ul>			



## Environmental Responsibility / Sustainable Development

- Situations financiers will tend to avoid:
  - Operations impacting UNESCO World Heritage Sites
  - Uranium for weapons, uncertified rough diamonds
  - Artisanal mining; credible allegations of human rights violations
  - Operations in tropical rainforests and other high conservation areas
  - Tailings disposal into river or shallow sea water, tailings storage that threatens human life or groundwater
  - No credible closure / remediation plan
- Expected Standards
  - International Cyanide Management Code
  - IFC / World Bank Standards and Health and Safety Guidelines
- Best practices
  - Extractive Industries Transparency Initiative
  - UN Global Compact
  - Voluntary Principles on Security and Human Rights
  - International Council on Mining & Metals, Dow Jones Sustainability Index

# Conclusions for achieving a successful project financing in mining

- Premier industry sponsors with deep experience (technical skills and local knowledge)
- Well capitalized sponsors with "equity at stake" in the project
  - Amount of leverage will depend on both asset quality and market conditions
- High quality asset with proven and probable reserves and measured and indicated resources that are clearly identified
- Competitive cost structure (through the cycle)
  - Project should demonstrate capacity to mine the resources economically
- Reputation for compliance with applicable local regulations, laws, and Equator Principles
  - Project impacts should be identified, monitored and acceptable / mitigated appropriately
  - Environmental / social best practices may increase stakeholder engagement and financing appeal
- Completion guarantee to mitigate construction risk
- Strong credit metrics and satisfactory downside scenarios
  - Adequate coverage including Life of Mine, Life of Debt, Debt Service Coverage Ratios,
- Complete security package (assets, shares of the borrower, contracts/permits, accounts)
- Low country risk, attractive regulatory environment

# Multiple sources of financing are available

HSBC has very good working relationship at various levels with all the capital providers that could be considered

	ECA	Multilateral development banks	Commercial banks
Comments	<ul> <li>Risk level: same as Brazil, Colombia and Panama</li> <li>Based on an European ECA providing 95% coverage, for a transaction with an average life of 5 years, an average facility may be priced at 230bps – 250bps over LIBOR</li> <li>Diversification in funding sources</li> <li>Insulation from market volatility</li> </ul>	<ul> <li>Highly solicited during the crisis</li> <li>Strong appetite for Peruvian deals in the energy and infrastructure sector that provide important socioeconomic benefits</li> <li>Can also provide quasi-equity (C loans) and equity</li> <li>IDB has good appetite based on its pipeline and forthcoming capitalization</li> </ul>	<ul> <li>Lending appetite from international bank is increasing but banks can also chose from multiple projects in Peru and in the region</li> <li>Strong liquidity from some regional and local banks</li> <li>Ancillary business and client relationship angle are key considerations</li> <li>Club deals still favored</li> </ul>
		<ul> <li>Tenor can be 2-4 years longer than the B lenders</li> <li>Pricing off the B loan</li> <li>CAF, IFC and IADB have a framework for working together</li> </ul>	Local banks generally have low up front fees but much higher margins than international banks
Advantages	▲ Attractive pricing ▲ Long tenors ▲ Significant appetite	<ul> <li>▲ Lending appetite</li> <li>▲ Longer tenor than commercial banks</li> <li>▲ A/B structure with A lender as lender of record. No inter-creditor agreement</li> <li>▲ Withholding tax benefits</li> </ul>	<ul> <li>▲ One stop shopping (advisory, lending, hedging solutions)</li> <li>▲ Margins coming in</li> </ul>
Drawbacks	▼ Long process	<ul><li>▼ Long process</li><li>▼ Stringent environmental requirements</li></ul>	<ul> <li>▼ Intense due diligence process</li> <li>▼ Withholding taxes (4.99%) for banks funding out of Peru</li> </ul>



# Multiple sources of financing are available (cont'd)

• The capital markets should also be considered, and demand in the local Peruvian market is strong

	Peruvian capital market	International capital market
Comments	<ul> <li>Main actors in the local capital markets are the pension funds ('AFPs"), the insurance companies and the mutual funds</li> <li>Bond investors are keen to diversify away from government bond issues</li> <li>Can invest in Soles and USD, fixed or floating and achieving long maturities</li> </ul>	Private or public bonds are available     Suited for take out solutions
	Suited for take out solutions	
Advantages	▲ Favorable market conditions	▲ Long tenors
	▲ Attractive pricing  ▲ Long tenors  ▲ Equity IRR enhancement  ▲ Kallpa is already an issuer	▲ Equity IRR enhancement
Drawbacks	<b>▼</b> Market conditions can be volatile	<b>▼</b> Market conditions can be volatile
	▼ Local ratings requirement	▼ Ratings requirement
	▼ Generally adverse to construction risk unless it can be mitigated	▼ No project finance bonds from Peruvian issuers
	▼ Large issues (> \$300m) may need to issued in several tranches	



## HSBC – Commitment to Peru

- HSBC began operations in Peru in October 2006 as a greenfield investment.
- It is a important part of the Group Strategy in Latin America.
- It now has:
  - Over 900 employees
  - 23 branches
  - Net Worth: USD146m
  - Assets: USD892m
  - Deposits: USD742m
- Strong credit ratings
  - Moody's: A
  - Fitch: A -
- Expanding local presence
  - 18 branches in Lima
  - 2 branches in Arequipa
  - 1 branch in Piura, Chiclayo and Trujillo
- Full suite of retail, commercial and corporate banking services (presence in PFS, Business Banking, MME, LLC, GB and Corporate Finance).



## HSBC - Commitment to Peru

- HSBC Global Banking and Trade
  - Working capital
  - Import/Export Finance
  - Draft discount
  - Performance Bonds and SBLCs
  - Leasing/leaseback
- Treasury services
  - FX Spot, Forwards and NDFs carried out onshore at HSBC Peru
  - Swaps, Options and Structured Derivatives transacted through dedicated HSBC US team.
  - Cashier's cheques, voucher cheques
  - Payments and collections
  - Payroll services
  - HSBCnet
- Retail products
  - Current accounts
  - Savings accounts
  - Time Deposits



## **HSBC** Precious Metals Offering

HSBC has a continuous 150 year history in Precious Metals

Memberships:

**Gold Fixing** 

**Silver Fixing** 

**Platinum & Palladium Fixings** 

The London Bullion Market Association

The London Platinum & Palladium Market Association (Chair)

**CME (COMEX) Division Member** 

**LME Category 2 Member** 

DGCX (Dubai) Member

SGE (Shanghai) – First Foreign Bank Member

- Business dates to the founding of Samuel Montagu in 1853.
- Founding member of Silver Fixing in 1897 and Gold Fixing in 1919.
  - Only OTC Market Maker that is member of all four Fixings.
- HSBC considered the market leader in precious metals globally.
  - Consistently Ranked Top Metals Dealer.
- HSBC Bank USA N.A. is the main Metals dealing arm of the Group.
- Experts in every aspect of the business
  - Trading
- ETF's
- Banking
- Clearing
- Physical
- Custody
- Options
- Research
- 24-hour global coverage across all products.



## **Broad Product and Service Offering**

HSBC supports global wholesale market and the local markets

Largest Metals Custodian in the World

Largest Bullion Clearer in the World

Largest Commercial Vault in the World

- Guaranteed Pricing
- Multiple Avenues for Hedging
  - Deep Customer and Internal Order Book
  - Dealer to Dealer OTC Market
  - Futures Market
  - Options Liquidity
- Market Intelligence
  - Supply / Demand Info. and Analysis
  - Consumer Demand
  - Dedicated Metals Analyst
  - Product Sales
  - Physical Demand
  - Private Banking
  - Official Sales
  - Options Trends
- Confidentiality

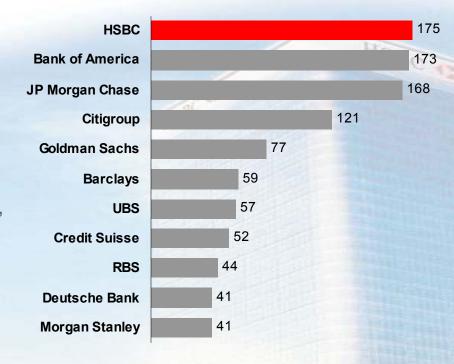




## HSBC is a Leading Global Financial Services Institution

## Market Capitalization (US\$ Billions) \*

- As one of the largest global banks in the world, HSBC provides clients with:
  - Stability
  - Broad geographic and product diversity
  - Significant capital
  - The ability to continue to invest in the systems, technologies, and human capital necessary to provide clients with best-inclass products and services









## **Our Key Achievements**

- Global Bank of the Year Euromoney 2009
- Global Bank of the Year The Banker 2005, 2004, 2003, 2002, 2001
- Best Global Debt House Euromonev 2009
- Best Debt House Asia, Middle East, LatAm, Mexico, Hong Kong, Turkey Euromoney 2009
- Best Global Transaction Banking House

Euromoney 2009

 Best Emerging Markets Bank – Global

Euromoney 2008

• Best Cash Management House in

Euromoney 2008

- Best Bank for FX for Corporates FX Week 2008, 2007, 2006
- Best Bank for Emerging EMEA Currencies FX Week 2008, 2007, 2006, 2005
- Best FX Bank Asia Pacific FX Week 2008, 2007, 2005
- Most innovative in Interest Rate Derivatives

The Banker 2007

# Global Mining Sector – Advisory, Lending, Bonds and Equity

## Mining



US\$488m

Financial Advisor to Randgold Resources on successful acquisition of Moto Goldmines

UK / Canada / DRC

Advisor



US\$250 million

9.000% Senior Secured Notes due 2014

US

Joint Bookrunner



US\$267m

Financial Advisor to Polyus Gold on its Partial Offer for 50.1% of KazakhGold

Russia / Kazakhstan /UK

Advisor



US\$247m

Follow-on equity offering supports the acquisition of a 75% gold production interest at Teck's Andacollo mine

US / Canada Sole Global Coordinator and Joint Bookrunner



US\$925m

Sole Financial Advisor to Usiminas on its acquisition of the J. Mendes iron ore mining companies

Brazil

Advisor



US\$40m

Financial Advisor to Kinross on its sale of Julietta gold mine in Russia

Russia / Canada

Advisor



**EUR 750m** 

First Ever Brazilian Corporate Eurodenominated bond issue

Brazil / EU

Joint Bookrunner



US\$185m

Financial advisor and Rule 3 advisor to Monterrico Metals on the offer from Zijin Mining-led consortium

UK / Peru /China

Advisor



US\$700m

Financial Advisor to Royal Gold on its acquisition of IRC, Sole Lead Arranger on related financing

US / Canada

Advisor & Lead Arranger



US\$12.2bn

Follow-on Equity Offering

Brazil / US

Joint Bookrunner



EUR 750m

7 year fixed rate bond issue

UK / EU

Joint Lead Manager and Bookrunner



US\$315m

Accelerated bookbuild with backstop (Rights issue sell down of a 5.3% stake in Gold Fields)

US / South Africa

Advisor and Bookrunner



US\$100m

Sole Financial Advisor to Yanzhou Coal on the acquisition of 98% equity interest in Shanxi Nenghua

China

Advisor



US\$235m

Financial Advisor to Polymetal on its acquisition of Varvarinskoye goldcopper mine

Russia / Kazakhstan

Advisor



# Recent Peru lending and advisory experience

Project		Amounts	HSBC role
Abengoa Transmission Norte  ABENGOA  650 km greenfield transmission line to be		Project: Undisclosed Debt: \$79m	Mandated Lead Arranger
constructed in Central and Northe			
Zapallal-Trujillo and Chilca-Caraveli transmission		Project: >\$400m	Financial Advisor
line (on-going)	ABENGOA		Debt and equity advisor
Transmission line to be constructe Northern Peru	ed in		Mandated Lead Arranger (if Abengoa wins)
DP World Callao	\$ pe 405020	Project: undisclosed	Sole Financial Advisor and Mandated Lead Arranger
	to action	Debt: \$300m	Structured debt facility
Development of a container port in the southern zone of the Callao port, Peru			<ul> <li>Prepared financial model and information memorandum to facilitate selection of lenders</li> </ul>
			<ul> <li>Ran the process to promote competition and optimize terms</li> </ul>
			<ul> <li>Syndication performed during Q3 08 when market conditions were most difficult</li> </ul>
			Successful and oversubscribed financing
DP World private initiative for	Sec. months	Project: \$1,300m	Financial Advisor
Muelle Norte			Follow on deal to DPW Callao financing
Redevelopment of the container port in the northern zone of the Callao port, Peru			Ongoing advisory
			<ul> <li>Advising DP World in its \$1.3 billion private initiative to redevelop the container port in the northern zone of the Callao port</li> </ul>



## Project Finance Awards – 2009

HSBC's recognition in 2009 across sectors and regions











"Most innovative in Infrastructure & Project Finance" at The Banker's Investment Banking Awards



### Odebrecht drill ships, Brazil

"Americas Deal of the Year" by PFI and "Latam Oil and Gas Deal of the Year" by PFM

Mandated Lead Arranger and Swap Provider



### Senoko, Singapore

"Asia Pacific Power Deal of the Year" by PFI

Financial Advisor



### Victoria Desalination, Australia

"Asia Pacific PPP Deal of the Year" by PFI and "Asia Pacific Water Deal of the Year" by PFM

Mandated Lead Arranger and Swap Provider



### Cairn Energy, India

"Asia Pacific Oil & Gas Deal of the Year" by PFI and "Indian Upstream Deal of the Year" by PFM

Mandated Lead Arranger



### M25, UK

"Europe PPP Deal of the Year" by PFI and PFM

Financial Advisor, Mandated Lead Arranger and Swap Provider



#### Boreas, UK

"Europe Portfolio Deal of the Year" by PFI

Financial Advisor and Mandated Lead Arranger



### Acciona, Spain

"Europe Renewables Deal of the Year" by PFI

Mandated Lead Arranger, Swap Provider, Bookrunner and Coordination Bank



### Shuweihat S2, UAE

"MENA Gulf Power Deal of the Year" by PFI

Financial Advisor, Mandated Lead Arranger and Swap Provider



### Rabigh, Saudi Arabia

"MENA Middle Eastern Power Deal of the Year" by PFI and PFM

Mandated Lead Arranger



#### PTP II, Panama

"Latam Refinancing of the Year" by PFM

Financial Advisor, Mandated Lead Arranger and Swap Provider



### Zorlu, Turkey

"European Onshore Wind Deal of the Year" by PFM

Financial Advisor, Mandated Lead Arranger and Swap Provider



### Dolphin Energy, UAE

"Middle East Oil & Gas Deal of the Year" by PFM

Mandated Lead Arranger



#### Al Dur, Bahrain

"Middle East IWPP Deal of the Year" by PFM

Mandated Lead Arranger



"Best Project Finance House in Asia" at the 2009 Euromoney Awards for Excellence



# Risk Magazine Energy & Commodity Rankings 2010

Clients vote HSBC their preferred Metals counterparty







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