

ONCE IN A DECADE CHANGE IN LEADERSHIP IN CHINA — As Important To The Global Growth Outlook As The U.S. Presidential Election

November 8-15, 2012 — date of the 18th National Congress of the Communist Party of China, where a new leadership was established for only the fifth time since Mao Zedong — followed by the National People's Congress (parliament) in March 2013.

New Fifth Generation Leadership:

President (Head of State and Secretary-General of the Communist Party of China):

Mr. Xi Jinping; previously Mr. Hu Jintao

Prime Minister (Head of Government):

Mr. Li Keqiang, previously Mr. Wen Jiabao.

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China — Policy Continuity Under The New Leadership

China continues to pursue the economic initiatives in the 12th Five-Year Plan, unveiled in March 2011, though the new leadership is seeking more market-related solutions (less central planning & government involvement — including in the banking sector) — and will be more 'populist'. Mr. Xi Jinping is pursuing the "national dream".

The 12th Five-Year Plan (2011-15) seeks more 'balanced' economic growth — with less emphasis on export expansion & investment and greater focus on domestic consumer spending, development of the 'service' industries including the financial sector and 'New Economy' growth; other key objectives — productivity gains through 'economic restructuring' — e.g. closure of smaller, less efficient plant & rationalization into larger, lower-cost entities (the steel & iron ore industries); reducing industrial energy intensity; a focus on developing the Western & Central parts of China, away from the heavily industrialized Eastern & Coastal areas, as initiated by President Hu Jintao; raising household incomes & living standards & building a more environment-friendly society.

While progress on 'rebalancing' China's economy has only been slight, the size of the service industries surpassed the primary sector & secondary manufacturing for the first time in 2013:Q4 –a trend which has continued. Domestic retail sales are running at 12% YTD in 2014.

What is evident is that China is no longer pursuing 'economic growth at any cost'. A subtle shift is underway, with China comfortable with a slower, more 'market-determined' advance (official target was 7.5% for 2012-13 and remains at 7.5% for 2014).

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Dual Policy Agenda In 2013-14 — De-Leverage Financial Sector, While Maintaining Growth At 7-7.5%

Since 2013:H2, Chinese policy makers have had a dual agenda: meaningful deleveraging/derisking of China's 'shadow banking' sector & municipal finances by encouraging tighter credit adjudication, while still ensuring 7.5% GDP growth.

Banking sector liquidity stayed relatively tight in 2014:H1, but fiscal stimulus (huge investment in high-speed railways & electricity transmission & stepped-up funds for affordable 'socially assisted-housing') supported the economy. Bank reserve requirements have been eased selectively in recent months. While a broad-based easing in monetary policy has NOT been implemented, the People's Bank of China may ease overall bank reserve ratios and/or cut benchmark interest rates by early 2015.

THE NEW LEADERSHIP ANNOUNCED A NEW PRO-GROWTH REFORM AGENDA, AFTER THE NOVEMBER 9. 2013 PLENUM OF THE COMMUNIST PARTY'S Central Committee:

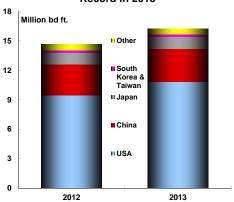
Outlined the 'decisive' role that 'markets' should play in allocating resources (e.g. decontrol of energy prices), fiscal reform to deleverage municipal finances (better aligning spending obligations with revenue by shifting some spending to the central gov't and allowing municipalities to issue debt), the beginning of 'rural' land & Hukou reform to enable farmers to move to smaller towns & cities, facilitating urbanization, and reform of SOEs (more private investment in state-controlled sectors will be permitted and dividends paid by state assets will be raised to 30% by 2020).

If effectively implemented, these reforms should enable China's economy to achieve just under 7% p.a. GDP growth over the balance of the decade (6.8-7.0% per annum).

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China Steps Up Urbanization Policy

Canadian Offshore Lumber Exports Set Record in 2013



Canadian softwood lumber exports to China in 2013: +6%; to all markets including USA +11%. China is 2nd biggest export destination; Canadian exports to China +4% in 2014:H1.

Home sales improved in China in October, as a result of the new policy for 'second-time' buyers.

In a drive to shift to domestically-driven economic growth, China unveiled a new 2014-2020 urbanization plan in March 2014. The plan aims to increase the proportion of urban residents in China from 53.7% to 60% by 2020, accompanied by a massive construction program of transportation networks (every city with over 500,000 people will be accessible by high-speed rail), urban infrastructure (subways) and residential real estate.

Re-development of 4.75 million housing units in 'shantytowns' will be undertaken in 2014 (costing RMB 1 trillion).

'Socially-assisted' housing starts are intended to partly offset a decline in 'private-sector' construction, linked to overbuilding and falling home prices in 2014.

In late September, the Chinese government moved to support the 'private-sector' property market. 'Second-time' homebuyers are now treated as 'first-time' buyers, provided previous mortgages are paid off; only need to provide a 30% rather than a 60-70% mortgage down payment.



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Medium-Term, The 'Emerging' Markets Will Remain Supportive For Commodity Prices, With The 'Bull Run' Returning

Huge Potential for Oil & Metal-Intensive Motor Vehicle Sales in China & India China's population: 1.354 billion

<u>Vehicle Penetration — 2013</u>

(Vehicles per 1,000 people)

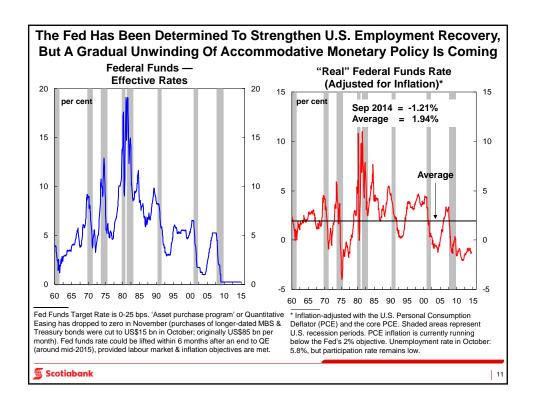
China	88
United States	792
Western Europe	569
Japan	590
India	26
Mexico	286

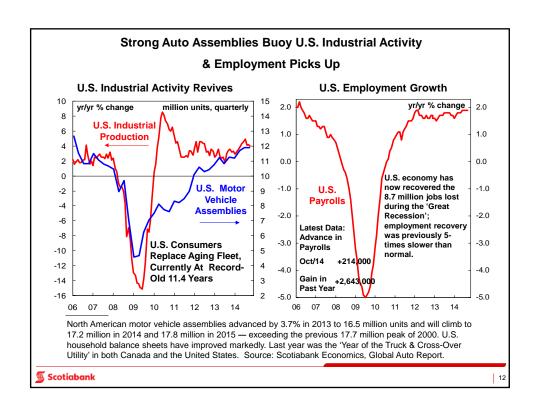
China's interest in direct investment overseas to secure mineral supplies continues, though interest has shifted to well-developed projects rather than junior mining ventures.

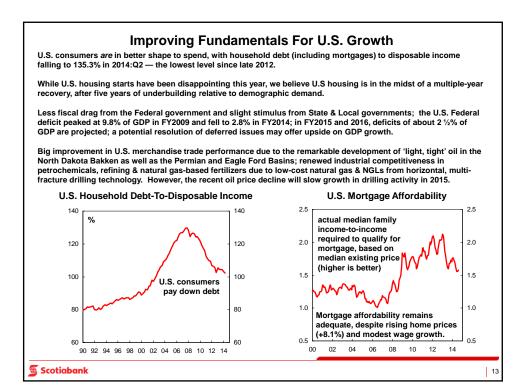
China will continue to be the main driver of global auto sales (accounting for more than 60% of the world total in 2013). Passenger vehicle sales soared over 16 million units in 2013 and will climb to 18 million in 2014. Automakers will introduce 200 new or upgraded models in China in 2014 compared with less than 70 in the United States.

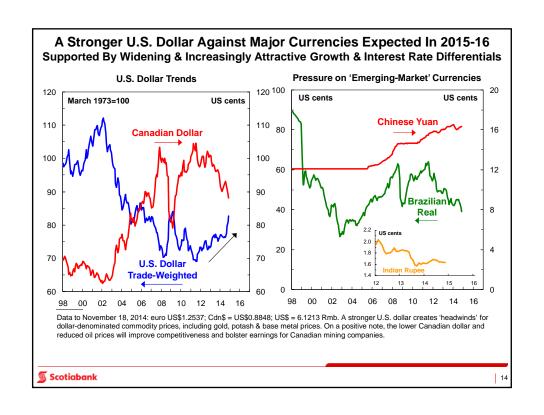
China's potential GDP growth is slowing — in 2012: 8.5%, 2015-20: slightly less than 7.0% p.a., 2025-30: 5% p.a. with less under-utilized labour & much slower capital formation (less build-out of manufacturing, in view of emerging excess capacity in some sectors in China).

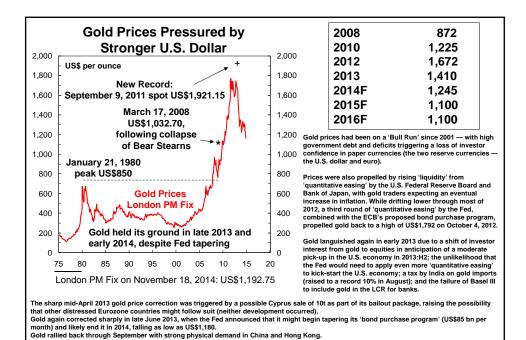
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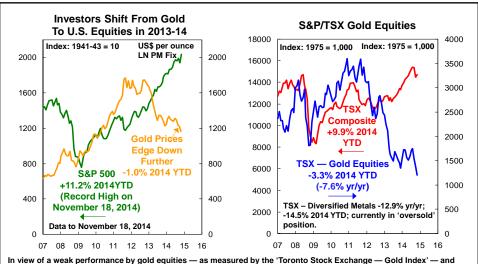








Gold corrected again, as the Fed announced on December 18, 2013 that it would start to taper its 'asset purchase' program, but held its ground at



20% of the world's gold mines (highest-cost) have 'all-in sustaining cash costs' over US\$1,055 (data as of September 2014). This likely represents the ultimate bottom in gold prices; if sustained, prices at this level would trigger mine production shutdowns. Average world 'all-in sustaining cash costs' are roughly US\$857 per ounce.

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US\$1,188.68, just above previous low.

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A Stronger Era Ahead For U.S. Dollar Will Dampen Gold Prices

Gold prices (London PM Fix) fell as low as US\$1,164 per ounce on October 31, 2014 – moving below the previous near-term low of US\$1,180 in mid-June 2013, following the Fed's announcement that it would likely reduce its 'asset purchase program' and end 'Quantitative Easing' (QE) in 2014 (on Nov. 6 intraday: US\$1,131). This reflected:

A jump in the US Dollar to a 4-year high against a basket of currencies (DXY Index), after the Bank of Japan announced a huge increase in its bond purchase programme (QE) in contrast to an end to U.S. QE and prospects for tighter U.S. monetary policy by mid-2015.

The Bank of Japan will now buy Y6.6 trillion per month of longer-term Japanese government bonds, expanding the 'base money supply' by Y80 trillion per year, to pull Japan out of deflation and lift tepid growth.

Reinvigorated U.S. growth prospects also sent the S&P 500 to a new all-time record high on October 31, with investors further shifting from gold to U.S. equities.

Medium-Term Outlook: Moderately stronger bullion prices are possible later in the decade amid tight new mine supplies and some pick-up in inflation.

China became the world's biggest 'physical' buyer in 2013, given stepped-up marketing by Chinese banks of coins & wafers; Chinese buying has increased in the Fall, after ebbing earlier in 2014.

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Base Metal Prices Begin Cyclical Recovery Zinc — The Next Big Base Metal Play Zinc Price Outlook 2009 US\$0.75 2.50 2.50 2012 US\$0.88 **US\$** per pound Zinc prices could US\$0.87 2013 climb as high as **LME Zinc Prices** 2014F US\$1.00 US\$1.60-1.70 in 2.00 2.00 2015F US\$1.25 Zinc demand 2016-17 US\$1.60 2016F will be boosted mid-decade by a 2016F Zinc prices held up well during the recovery in G7 1.50 US\$1.60 1.50 doldrums last summer, given strong construction interest by Commodity Funds and activity & investors, benefitting Lundin Mining, greater auto use HudBay Minerals and Teck in Canada 1.00 of galvanized 1.00 (Glencore is world's biggest zinc steel in China miner). Stepped-up Bank of Japan 0.50 0.50 'Quantitative Easing' (monetary **Credit Crisis** stimulus) recently boosted zinc and Late 2008 other base metal prices. 0.00 0.00 08 10 14 LME official cash settlement price November 18, 2014: US\$1.01. Teck's Red Dog Mine: zinc, lead and sliver by-product. Scotiabank

Zinc — The Next Big Base Metal Play (continued)

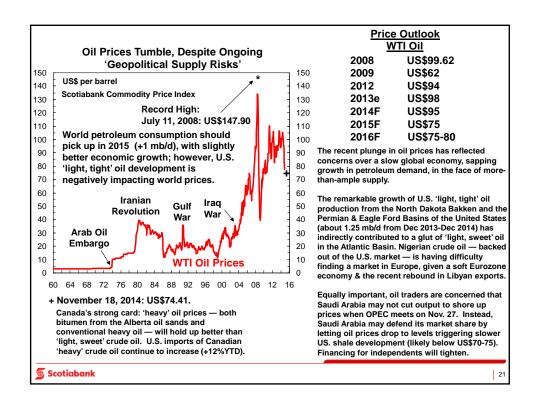
Zinc prices are expected to strengthen mid-decade alongside the following:

- 1) Gains in world mine production over the next 4-5 years will likely fall behind global demand growth (4.7% p.a.), given unusually high depletion at major mines in the face of tighter capital availability for new mine development; lack of equity capital for junior miners will take a toll on development, despite some pick-up in private equity interest; Century in Australia (the world's third-biggest zinc mine) will close in 2015:Q3 (480,000t) and Lisheen will shut in 2016 (172,000 t), following closures in 2013 at Brunswick (190,000t) and Perseverance (125,000 t) in Canada; and
- 2) The major end uses of primary zinc in galvanized steel are picking up particularly in motor vehicle production and construction. World vehicle sales reached a record high in 2013 of more than 81 million units and an even bigger record is forecast for 2014 at almost 86 million (+5%). China's passenger car & cross-over utility sales jumped by 23.6% in 2013, surpassing U.S. sales last year, and have advanced by 13% YTD through September 2014. U.S. non-residential construction, a sector which has struggled since 2008, is recovering (including office buildings).



Top Ten Zinc Producers, 2014

<u>Mine</u>		By Smelter					
Zinc Production,			Zinc Production,				
Kt	% of World		Kt	% of World			
1,319	10.0%	1. Nyrstar	1,081	7.9%			
742	5.6	2. Korea Zinc Group	1,070	7.9			
655	5	3. Glencore	1,011	7.4			
591	4.5	4. Hindustan Zinc	722	5.3			
300	2.3	5. Votorantim	587	4.3			
293	2.2	6. Boliden	448	3.3			
291	2.2	7. Shaanxi Nonferrous Metals	422	3.1			
252	1.9	8. China Minmetals	286	2.1			
219	1.7	9. Teck	278	2.0			
212	1.6	10. Yuguang Gold & Lead	277	2.0			
13,141	100.0	World Total	13,626	100.0			
199	1.5	11. Noranda Income Fund	258	1.9			
180	1.4	12. Huludao Zinc	256	1.9			
171	1.3	13. Dongling Trade & Industry	247	1.8			
140	1.1	14. Industrias Peñoles	233	1.7			
94	0.7	15. Yunnan Metallurgical	224	1.6			
s 65	0.5	30. HudBay Minerals	100	0.7			
	Zinc Production Kt 1,319 742 655 591 300 293 291 252 219 212 13,141 199 180 171 140	Zinc Production, Kt % of World 1,319 10.0% 742 5.6 655 5 591 4.5 300 2.3 293 2.2 291 2.2 291 2.2 252 1.9 219 1.7 212 1.6 13,141 100.0 199 1.5 180 1.4 171 1.3 140 1.1	Zinc Production, Kt % of World 1,319 10.0% 1. Nyrstar 742 5.6 2. Korea Zinc Group 655 5 3. Glencore 591 4.5 4. Hindustan Zinc 300 2.3 5. Votorantim 293 2.2 6. Boliden 291 2.2 7. Shaanxi Nonferrous Metals 252 1.9 8. China Minmetals 219 1.7 9. Teck 212 1.6 10. Yuguang Gold & Lead 13,141 100.0 World Total 199 1.5 11. Noranda Income Fund 180 1.4 12. Huludao Zinc 171 1.3 13. Dongling Trade & Industry 140 1.1 Industrias Peñoles	Zinc Production, Xinc Production Kt % of World Xt 1,319 10.0% 1. Nyrstar 1,081 742 5.6 2. Korea Zinc Group 1,070 655 5 3. Glencore 1,011 591 4.5 4. Hindustan Zinc 722 300 2.3 5. Votorantim 587 293 2.2 6. Boliden 448 291 2.2 7. Shaanxi Nonferrous Metals 422 252 1.9 8. China Minmetals 286 219 1.7 9. Teck 278 212 1.6 10. Yuguang Gold & Lead 277 13,141 100.0 World Total 13,626 199 1.5 11. Noranda Income Fund 258 180 1.4 12. Huludao Zinc 256 171 1.3 13. Dongling Trade & Industry 247 140 1.1 14. Industrias Peñoles 233			



Oil Prices Lose Ground Amid U.S. Shale Development (continued)

Brent oil (the international benchmark) has plunged to the US\$78 mark in mid-November 2014, after running up to US\$115 in mid-June; WTI oil to US\$74 from US\$107. Concern over 'geopolitical supply risks' has eased, on hopes that U.S. air strikes against ISIS would cut potential disruptions in Iraq.

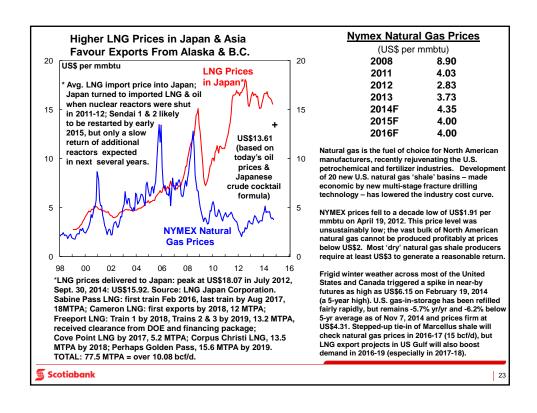
Libya also managed to re-open its major eastern export ports in the Fall, allowing oil exports to move back to 900,000 b/d from a mere 100,000 b/d earlier this year, though unrest has again pared exports to 600-700,000 b/d, with closure of the El Sharara field.

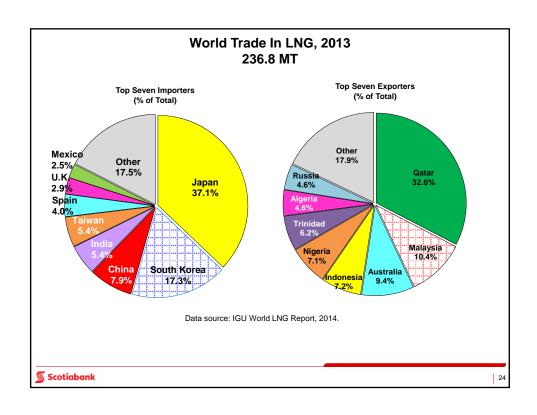
Higher Libyan exports have contributed to a glut of 'light, sweet' crude in the Atlantic Basin, with Nigeria having difficulty re-directing its crude from the U.S. market into Europe, where weak economic conditions and refinery shutdowns have tempered demand. Nigerian exports to the USA were only 25,000 b/d in July 2014 compared with 1.1 mb/d in 2010, before the 'oil shale revolution'.

Nevertheless, today's 'geopolitical' developments will cut supplies over the long-term. Oil traders may have become overly complacent about supplies.

Investment in southern Iraqi oil fields will be delayed. Access restrictions to Western oil technology will check Russia's oil development medium-term.

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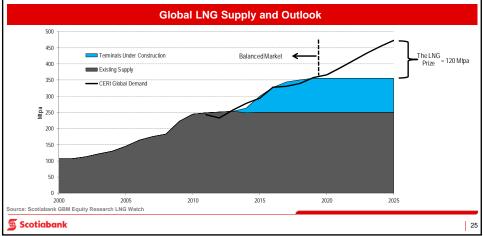


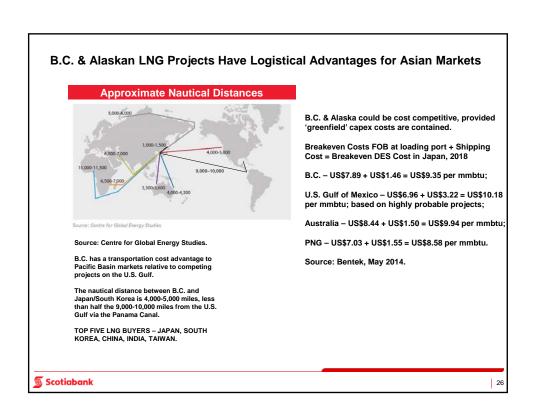


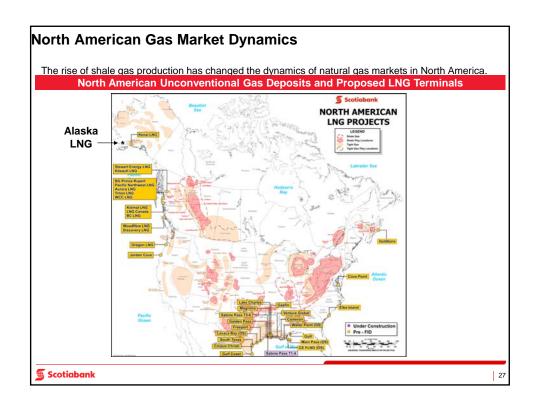
Global LNG Supply and Demand Outlook

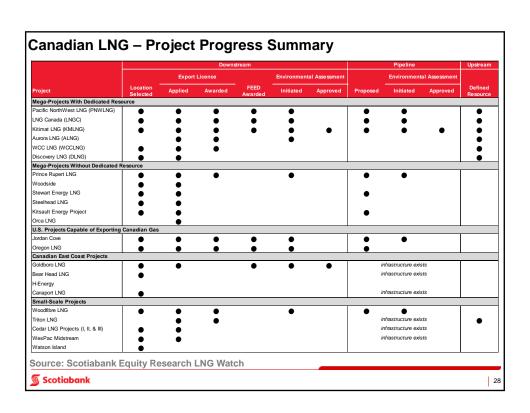
Global LNG market is forecast to grow at a CAGR of 5% between 2014 and 2025

- With significant liquefaction capacity currently under construction in Australia, the United States, and Russia, LNG demand appears to be well supplied to the end of the decade
 - o Annual trading volumes are projected to reach 350 Mtpa (46 bcf/d)
- However, beyond 2020 a supply gap of roughly 120 Mtpa (16 bcf/d) is forecast for which there is competition
 primarily from the gas industries in the United States, Australia, and Canada
 - \circ Combined, the three countries have over 60 LNG export projects proposed for more than 650 Mtpa (86 bcf/d) of capacity

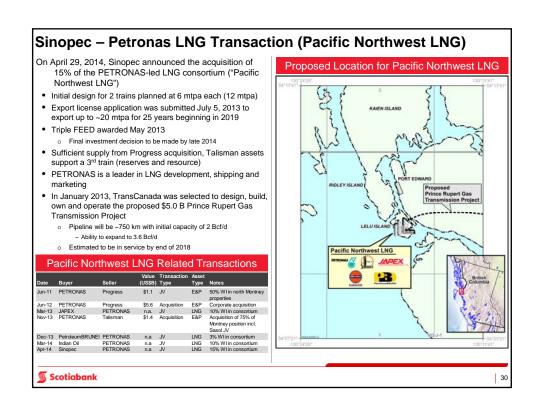


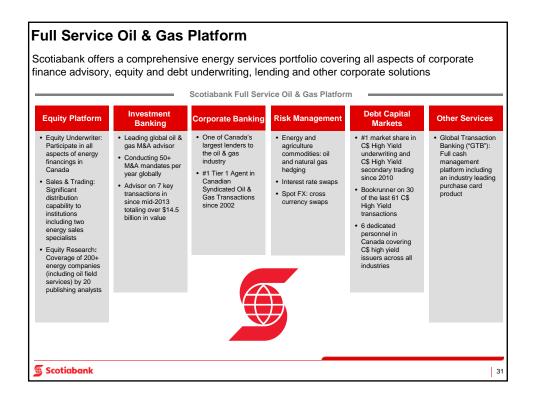


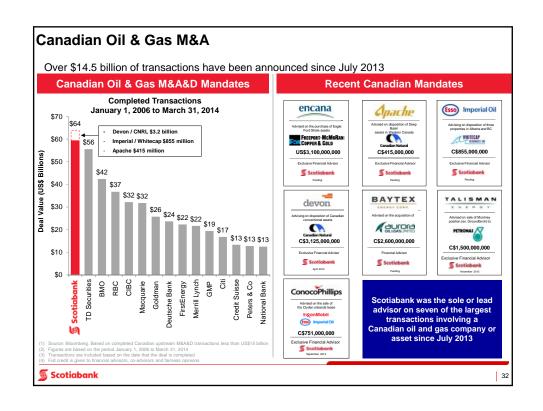


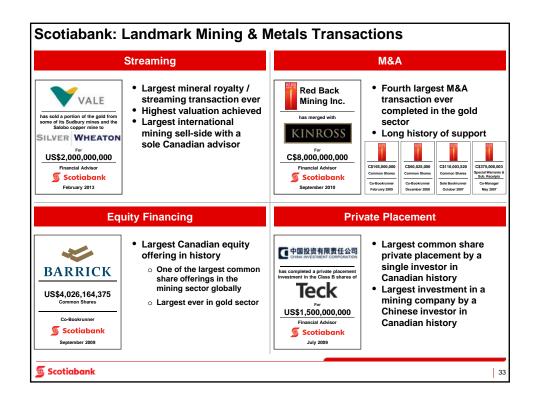


Project	Proponents	Project Cost (\$b)	Initial LNG Capacity (Mtpa)	Potential LNG Capacity (Mtpa)	NEB Capacity (bcf/d)	FID	Construction	Commissioning	Financing Alternatives
Pacific NorthWest LNG (PNWLNG)	Petronas, JAPEX, PetroleumBRUNEI, Indian Oil Company, Sinopec	\$11	52.5 12.0	18.0	2.7	Late 2014	2015	2019	Self-funded via JV partnership
LNG Canada (LNGC)	Shell, Mitsubishi, PetroChina and KOGAS	\$10 to \$15	12.0	24.0	3.2	Early 2016	2016 - 2017	2020 - 2021	Self-funded via JV partnership
Kitimat LNG (KMLNG)	Chevron and Apache	\$3.0	5.0	10.0	1.3	2015	-	2017 - 2020	Self-funded via JV partnership
Aurora LNG ¹ (ALNG)	Nexen, INPEX, JGC	\$17 to \$20	10.0 - 12.0	20.0 - 24.0	3.1	2017	2017	2023	Self-funded via JV partnership
WCC LNG (WCCLNG)	ExxonMobil & Imperial Oil	-	10.0 - 15.0	30.0	4.0	Early 2018	2018	2023	Self-funded
Discovery LNG (DLNG)	Quicksilver Resources	-	-	20.0	2.6	-	2017	2021	Seeking partnership
ega-Projects Without De	edicated Resource		67.5	145.0					
Prince Rupert LNG	BG Group	\$16	14.0	21.0	2.9	2017	2017	2022	-
Woodside	Woodside Energy	-	15.0	20.0	2.8	-	-	2021	-
Stewart Energy LNG	Canada Stewart Energy Group	-	5.0	30.0	4.0	2014	2015	2017	-
Steelhead LNG	Steelhead LNG	US\$30	24.0	30.0	4.3	-	-	2019	-
Kitsault Energy Project	Kitsault Energy	US\$8 to US\$10	5.0	20.0	2.6	-	-	2017 - 2020	-
Orca LNG	Orca LNG Ltd.	-	4.0 - 5.0	24.0	3.2	-	-	2019	-
.S. Projects Capable of E	xporting Canadian Gas		15.0	18.0	1		1		
Jordan Cove	Veresen	\$5.3	6.0	9.0	1.4	Q2/Q3 2015	2015 - 2018	2019	Seeking partnership
Oregon LNG	Leucadia	\$6.0	9.0	9.0	1.3	2015	2015	2019	-

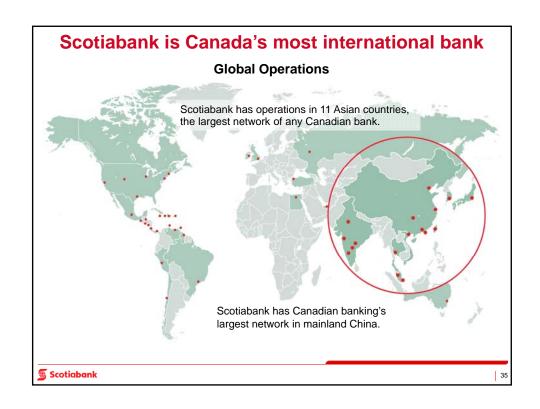












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