

Cash Preservation Cost Reduction Disciplined Capital Allocation



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GMP Mining Conference – November 19-21, 2013

TSX: IMG NYSE: IAG

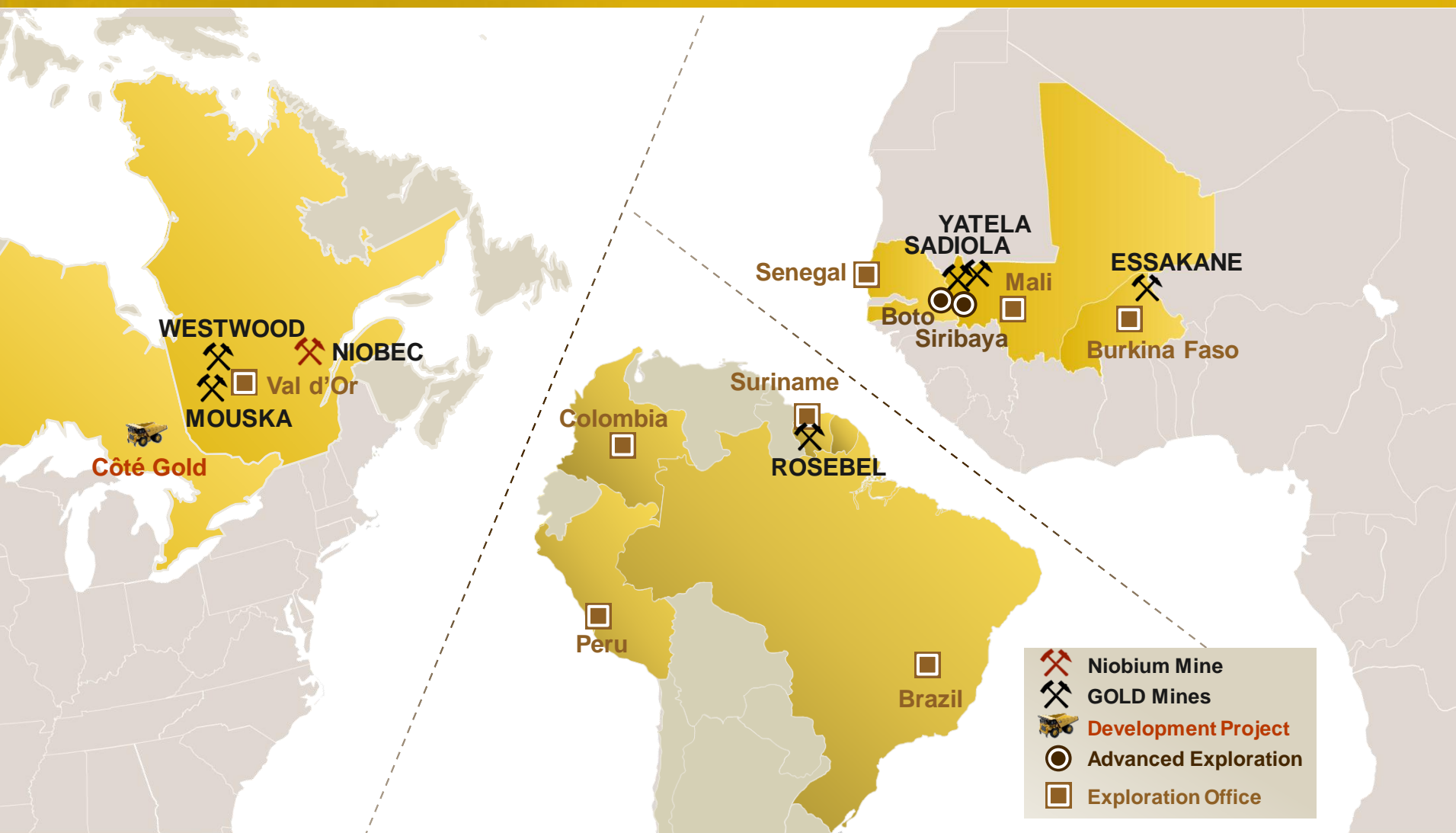
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All information included in this presentation, including any information as to the Company's future financial or operating performance, and other statements that express management's expectations or estimates of future performance, other than statements of historical fact, constitute forward looking information or forward-looking statements and are based on expectations, estimates and projections as of the date of this presentation. For example, forward-looking statements contained in this presentation are found under, but are not limited to being included under, the headings "Third Quarter 2013 Highlights", "Operating Highlights and Corporate Developments", and "2013 Outlook", and include, without limitation, statements with respect to: the Company's guidance for production, cash costs, all-in sustaining costs, depreciation expense, effective tax rate, niobium production and operating margin, capital expenditures, operations outlook, cost management initiatives, development and expansion projects, exploration, the future price of gold, the estimation of mineral reserves and mineral resources, the realization of mineral reserve and mineral resource estimates, the timing and amount of estimated future production, costs of production, permitting timelines, currency fluctuations, requirements for additional capital, government regulation of mining operations, environmental risks, unanticipated reclamation expenses, title disputes or claims and limitations on insurance coverage. Forward-looking statements are provided for the purpose of providing information about management's current expectations and plans relating to the future. Forward-looking statements are generally identifiable by, but are not limited to the, use of the words "may", "will", "should", "continue", "expect", "anticipate", "estimate", "believe", "intend", "plan", "suggest", "guidance", "outlook", "potential", "prospects", "seek", "targets", "strategy" or "project" or the negative of these words or other variations on these words or comparable terminology. Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by management, are inherently subject to significant business, economic and competitive uncertainties and contingencies. The Company cautions the reader that reliance on such forward-looking statements involve risks, uncertainties and other factors that may cause the actual financial results, performance or achievements of IAMGOLD to be materially different from the Company's estimated future results, performance or achievements expressed or implied by those forward-looking statements, and the forward-looking statements are not guarantees of future performance. These risks, uncertainties and other factors include, but are not limited to, changes in the global prices for gold, niobium, copper, silver or certain other commodities (such as diesel, aluminum and electricity); changes in U.S. dollar and other currency exchange rates, interest rates or gold lease rates; risks arising from holding derivative instruments; the level of liquidity and capital resources; access to capital markets, and financing; mining tax regimes; ability to successfully integrate acquired assets; legislative, political or economic developments in the jurisdictions in which the Company carries on business; operating or technical difficulties in connection with mining or development activities; laws and regulations governing the protection of the environment; employee relations; availability and increasing costs associated with mining inputs and labour; the speculative nature of exploration and development, including the risks of diminishing quantities or grades of reserves; adverse changes in the Company's credit rating; contests over title to properties, particularly title to undeveloped properties; and the risks involved in the exploration, development and mining business. With respect to development projects, IAMGOLD's ability to sustain or increase its present levels of gold production is dependent in part on the success of its projects. Risks and unknowns inherent in all projects include the inaccuracy of estimated reserves and resources, metallurgical recoveries, capital and operating costs of such projects, and the future prices for the relevant minerals. Development projects have no operating history upon which to base estimates of future cash flows. The capital expenditures and time required to develop new mines or other projects are considerable, and changes in costs or construction schedules can affect project economics. Actual costs and economic returns may differ materially from IAMGOLD's estimates or IAMGOLD could fail to obtain the governmental approvals necessary for the operation of a project; in either case, the project may not proceed, either on its original timing or at all.

For a more comprehensive discussion of the risks faced by the Company, and which may cause the actual financial results, performance or achievements of IAMGOLD to be materially different from the company's estimated future results, performance or achievements expressed or implied by forward-looking information or forward-looking statements, please refer to the Company's latest Annual Information Form, filed with Canadian securities regulatory authorities at www.sedar.com, and filed under Form 40-F with the United States Securities Exchange Commission at www.sec.gov/edgar.html. The risks described in the Annual Information Form (filed and viewable on www.sedar.com and www.sec.gov/edgar.html, and available upon request from the Company) are hereby incorporated by reference into this presentation.

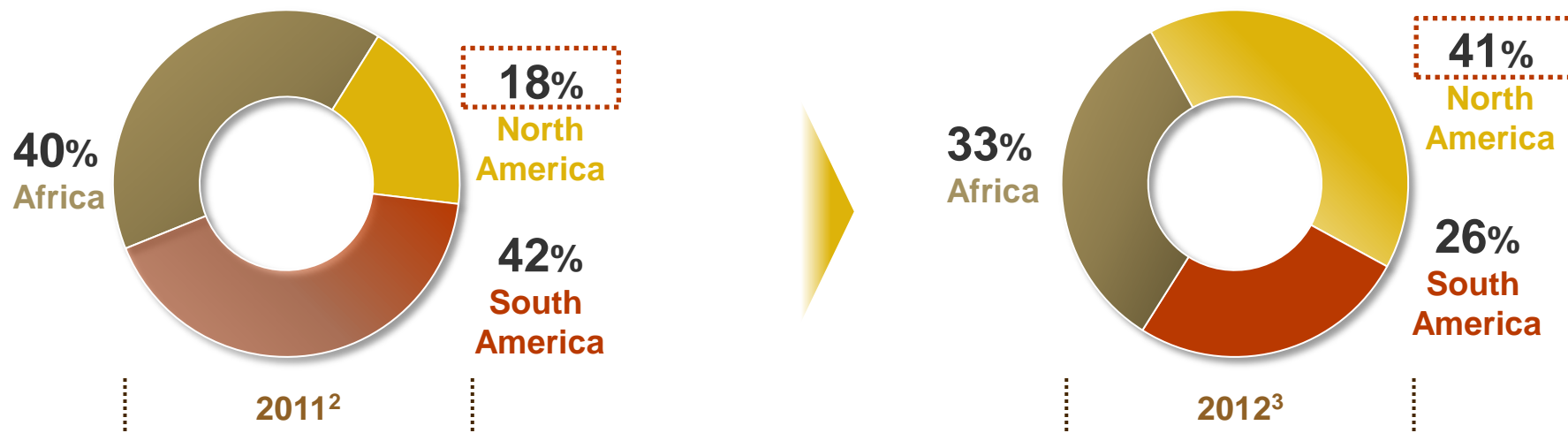
The Company disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise except as required by applicable law.

IAMGOLD's High Quality, Long-Life Assets



Balanced Geographic Portfolio

Gold Mineral Resources¹



¹ Mineral resources include mineral reserves.

² Based on IAMGOLD attributable mineral resources as at December 31, 2011.

³ Based on IAMGOLD attributable mineral resources as at December 31, 2012, except for mineral resources for the Boto Gold Project which are as at April 19, 2013.

Priorities



Cost Reduction



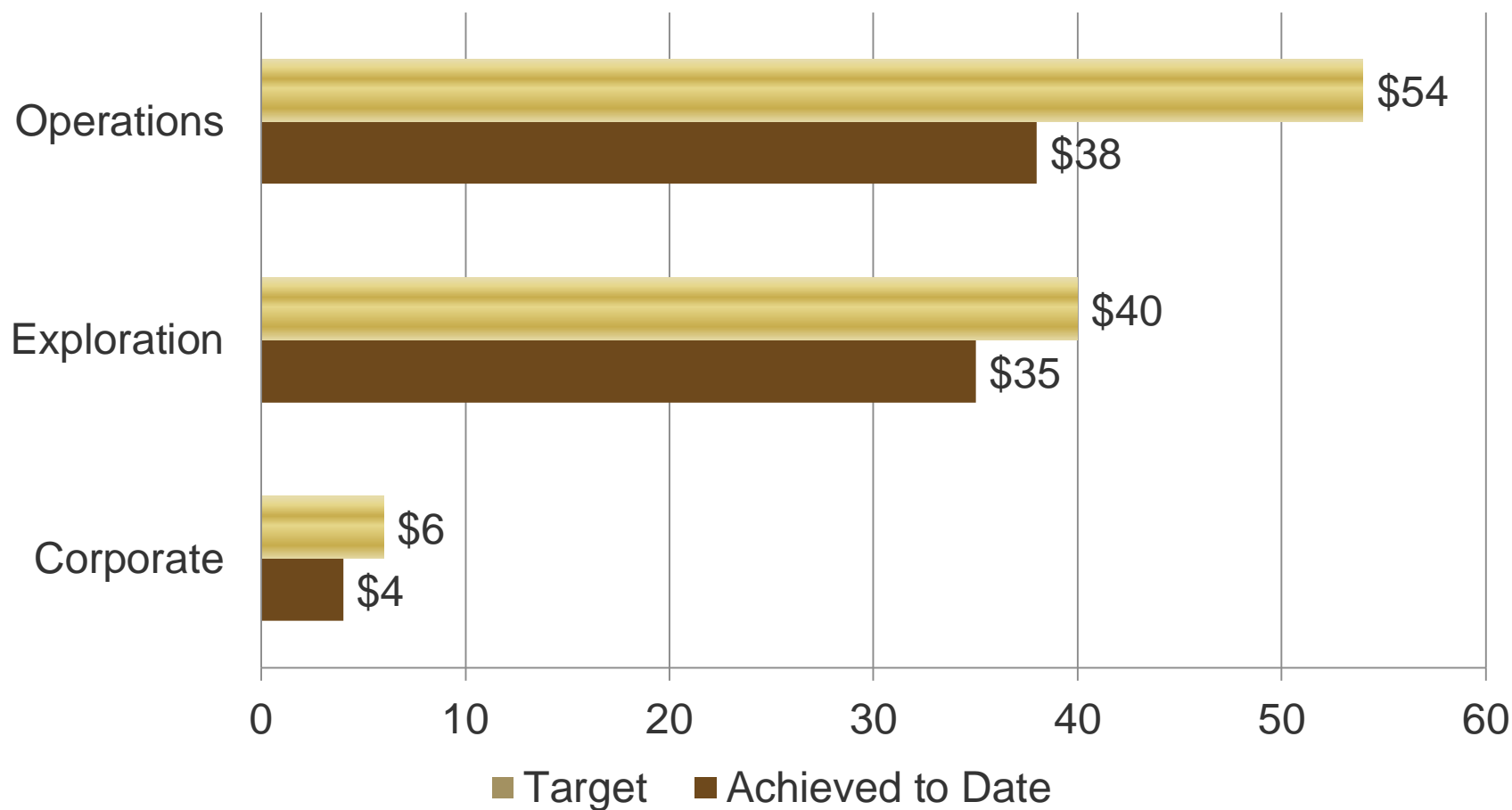
Disciplined Capital Allocation



Cash Preservation



Cost Reduction: Achieved 77% of \$100M Target



Examples of Ongoing Cost Reduction Initiatives

Reducing Power Costs and Consumption of Consumables

- ✓ Reduced power rates and cyanide consumption at Rosebel
- ✓ Reduced fuel consumption at Westwood
- ✓ Reduced consumption of energy and steel in the grinding process at Essakane

Reducing Labour Costs

- ✓ Implemented transition plan to replace more expats with nationals
- ✓ Reduced staffing requirements through efficiency improvements
- ✓ Replaced consultants with in-house technical services team

Renegotiating Mining Camp Supply Contracts

- ✓ Consolidated bus contracts for transporting workers at Essakane
- ✓ Negotiated price discounts from local suppliers at Essakane

Improving Operating Efficiencies and Reducing Maintenance Costs

- ✓ Improved productivity of drilling teams at Rosebel
- ✓ Reduced the frequency and cost of preventive truck maintenance
- ✓ Reduced maintenance costs through the redesign of mine roads
- ✓ Installed a potable water system at Essakane to provide safe drinking water
- ✓ Increased monitoring and management of tire wear at Westwood



Disciplined Capital Allocation Strategy

Niobec Expansion

Expansion decision to be made when feasibility study and permits are in place

NIOBEC WILL NOT MOVE FORWARD WITHOUT A PARTNER TO JOINTLY FUND THE PROJECT

Sadiola

Waiting for JV partner to decide to proceed

WILL NOT PROCEED ALONE REGARDLESS OF PROJECT ECONOMICS

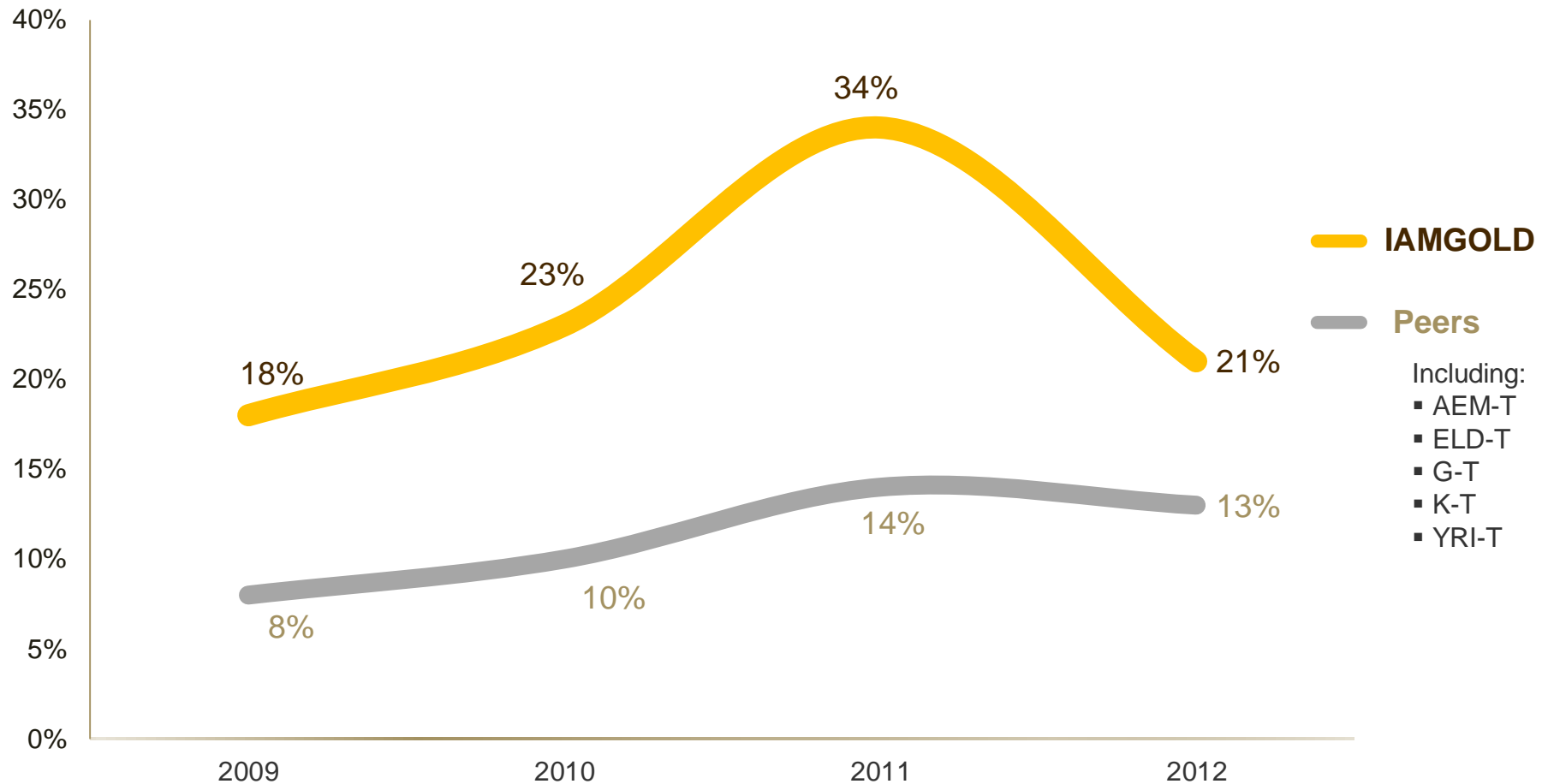
Côté Gold Project

Construction decision to be made mid-2015 when feasibility study is complete and permits are in place

WILL NOT PROCEED UNLESS GOLD PRICE AND OUR LIQUIDITY SUPPORT THE DECISION



Return on Capital



ROC Calculation: Pre-Tax Earnings from Operations/Capital

Pre-tax Earnings* from Operations: Revenues - mining costs (called cost of sales in 2012) + share of loss/gain from equity accounted investments. *Earnings are before exploration expenses, corporate G&A and other operating costs.

Capital: Equity + non-controlling interests + long-term debt - cash, cash equivalents - gold bullion at book value, marketable securities, warrants and royalty interests.

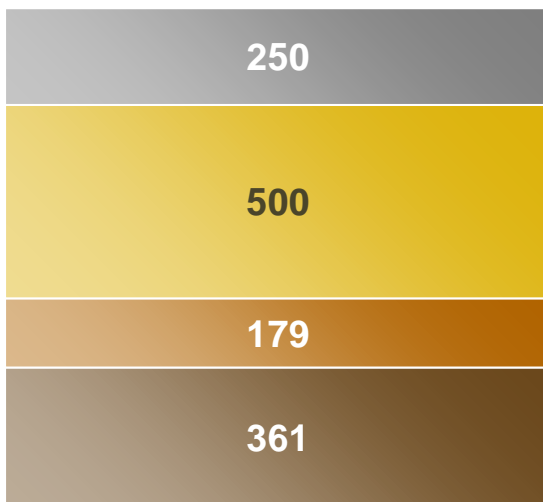


Liquidity

We are committed to preserving our financial liquidity.

\$1,290

\$millions



As at end of

Q3'13

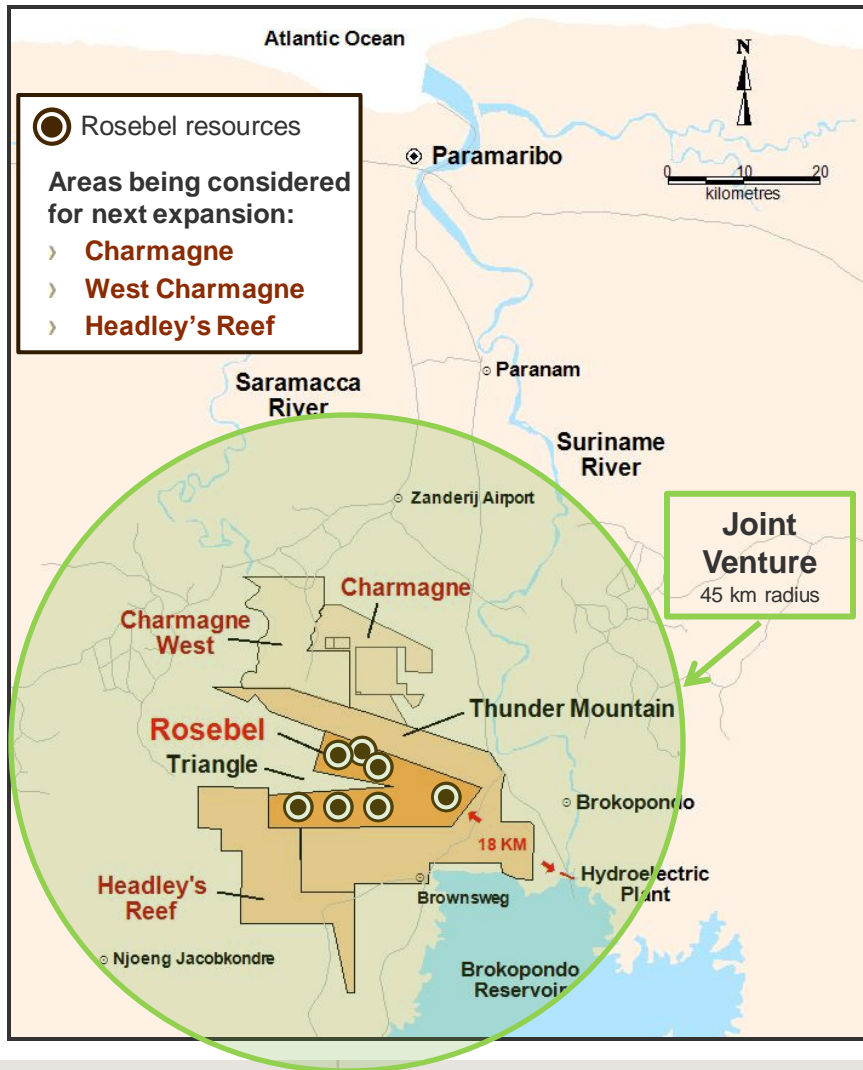
- Cash & cash equivalents
- Gold bullion at market
- Unused credit facility
- Unused Niobec credit facility

	Sept 30, 2013	June 30, 2013	Dec 31, 2012 ¹
\$millions			
Cash & cash equivalents	361	447	797
Gold bullion at market	179	161	223
Unused credit facility	500	500	500
Unused Niobec credit facility	250	250	250
Total	1,290	1,358	1,770

The Company has \$650 million of senior unsecured notes due in October 2020.

¹ Balances related to 2012 have been reclassified as per note 2 (c)(ii) of the unaudited condensed consolidated interim financial statements.

Rosebel - A New Power Agreement



Old Agreement

- ~20¢/kWh power
- 5% gov't carried equity
- 170 km²
- Taxes & royalties



New Agreement

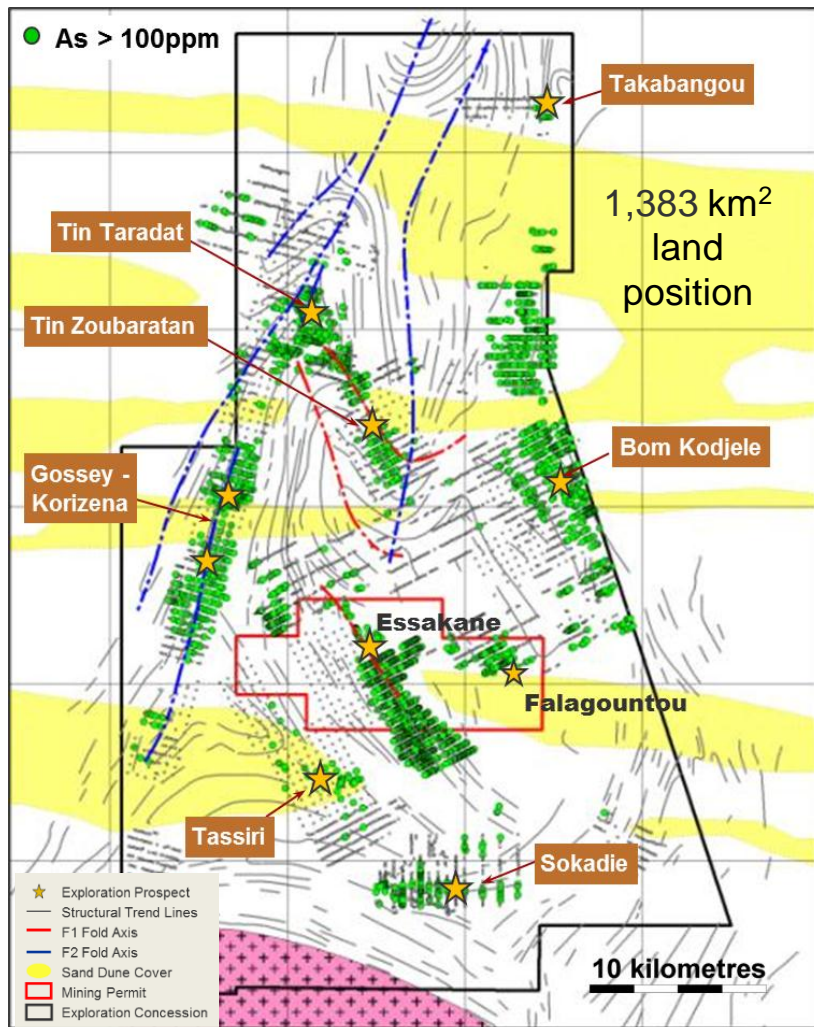
- Reduced power rate
- For current and future operations
- 5% gov't carried equity
- 170 km²
- Taxes & royalties

JV Agreement

- 11¢/kWh power on JV ore
- Applies to surrounding areas not governed by New Agreement
- Targeting softer ore
- 30% gov't equity on fully paid basis
- up to 200 km²
- Taxes & royalties



Essakane Exploration Focus



Falagountou satellite resource

- >200,000 ounces
- Community Relocation Action Plan approved in March
- Site evaluation drilling commenced in Q2



Westwood – Mineral Reserve and Resource Estimate



As of December 31, 2012:

Reserve Estimate

- Proven reserve of 65Koz @ 7.6 g/t Au
- Probable reserve of 283Koz @ 13.1 g/t Au

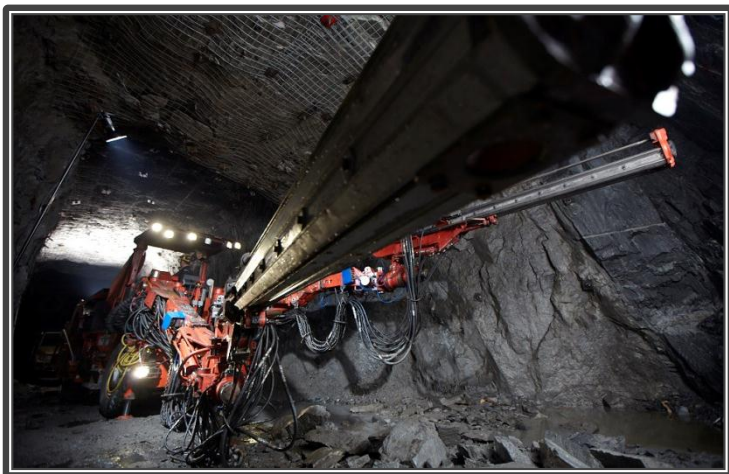
Resource Estimate (includes reserves)

- Measured resource of 67Koz @ 7.5 g/t Au
- Indicated resource of 466Koz @ 13.0 g/t Au
- Inferred resource estimate of 3.3Moz @ 10.6 g/t Au

Source: February 20, 2013 news release « IAMGOLD Operations Post 2012 Reserves of 11.3 Million Ounces and Measured and Indicated Resources of 22.6 Million Ounces »

Doyon Division

Westwood / Mouska



- › Production continuing to ramp up with batch processing of Mouska and Westwood ore
- › Gold sales exceeded production due to late Q2 production being sold in Q3
- › YTD production of 101,000 ozs.
- › 36,000 ozs gold sales (capitalized) from the Westwood pre-commercial 43,000 ozs.
- › Total cash costs¹ were \$1,048/oz.
- › Maintaining 2013 production guidance of 130,000 - 150,000 oz.

Revised date for WW commercial production to Q3'14

- › Revision following a reassessment of the June software malfunction and August rock burst
- › Expected 2014 production will be between 100,000 and 120,000 ozs., reaching full capacity by end of 2016
- › Long-term view of mine plan, estimated reserves and resources and LOM throughput and production remain unchanged

¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP. The total cash costs computation does not include Westwood pre-commercial production.



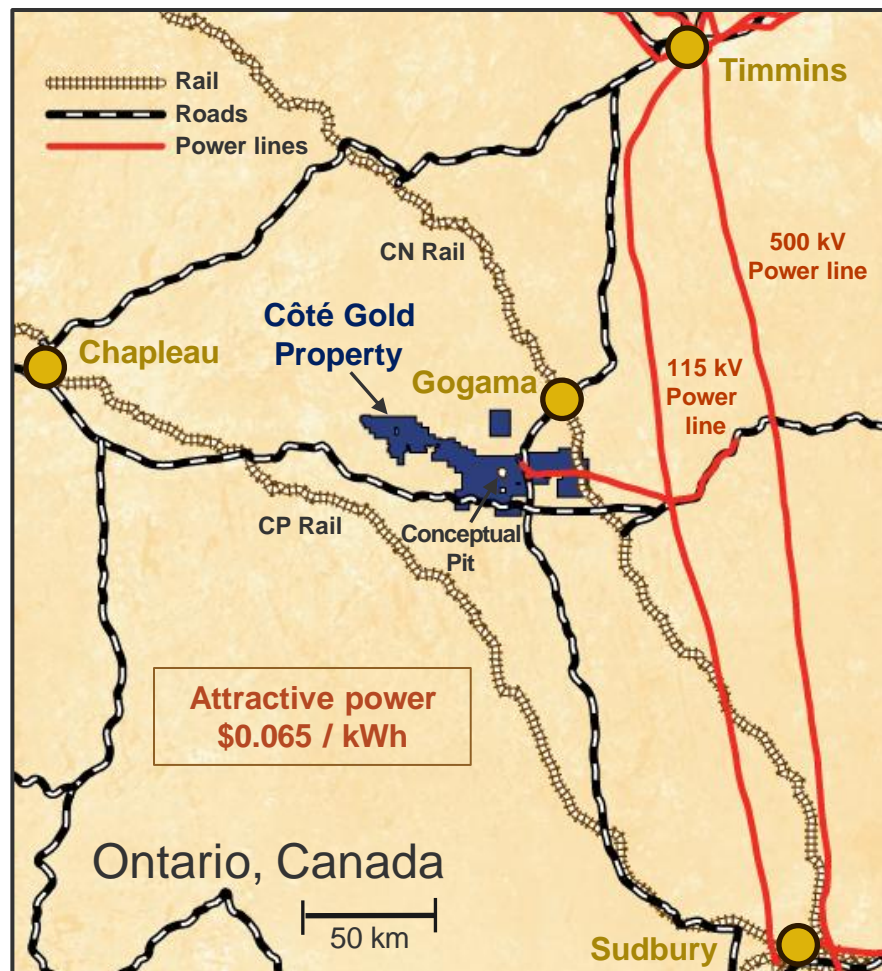
Côté Gold – Well Established Infrastructure

Mineral Resource Estimate Effective December 31, 2012

	Tonnes (millions)	Grade (g/t)	Contained Ounces (million ozs)
Indicated			
0.25 g/t Au cut-off	278	0.86	7.68
0.30 g/t Au cut-off	269	0.88	7.61
0.40 g/t Au cut-off	244	0.93	7.32
0.50 g/t Au cut-off	210	1.01	6.83
Inferred			
0.25 g/t Au cut-off	47	0.71	1.07
0.30 g/t Au cut-off	44	0.74	1.04
0.40 g/t Au cut-off	36	0.83	0.95
0.50 g/t Au cut-off	30	0.90	0.88

Source: Updated Resource Estimate for Côté Gold, effective December 31, 2012.

Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 0.30 g/t Au. Mineral Resources are estimated using a gold price of US\$1,600 per ounce and metallurgical recovery of 93.5%. High grade assays are capped at 15 g/t Au and 20 g/t Au depending on sub-domain. Bulk density of 2.71 t/m³ was used for tonalite and breccia and 2.79 t/m³ was used for diorite. The Mineral Resource Estimate is constrained within a Whittle Pit shell using assumed costs and the above noted gold recovery and gold price. Mineral Resources are not Mineral Reserves and do not yet have demonstrated economic viability, but are deemed to have a reasonable prospect of economic extraction. Numbers may not add due to rounding. Mineral Resources are reported on a 100% basis; IAMGOLD has a 92.5% average attributable ownership of this project.

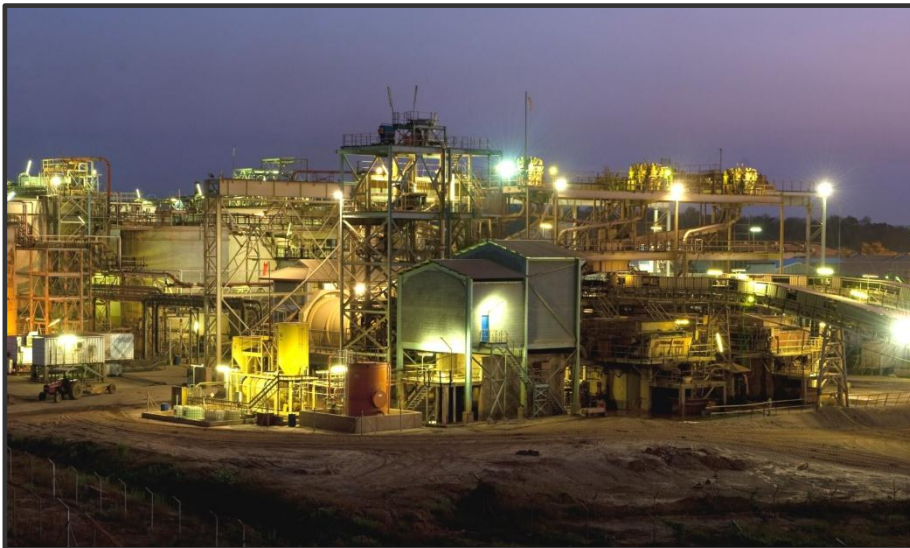


Source: MNM and Trelawney Mining

Sadiola & Yatela – Joint Ventures in Mali

2013 Production Guidance

125,000 - 140,000 oz.* (attributable)



Sadiola Overview

- › Operating efficiency improved, mined ore grades exceeded plan for H1 2013
- › 13% higher throughput and better recoveries offset lower grades
- › Q2 production up 26% from Q1 as throughput increased 19%
- › Sulphide expansion depends on partner

2013 Ongoing Examples of Cost Reduction

- › Portable crushers effective at improving mill feed performance
- › Lower reagent and maintenance costs with increase in production drive total cash costs down 26%

Yatela Overview

- › Produced >2 Moz 2001 to date
- › Mine excavation to end Sept 30/13
- › Leach pads to operate until 2016

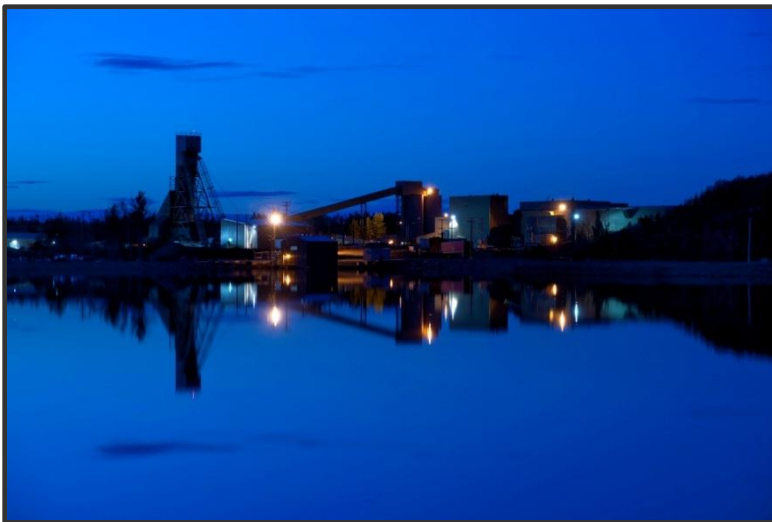


Niobec – Quebec

2013 Production Guidance

4.7 - 5.1 Mkg Nb

Niobium is a scarce metal that strengthens and lightens the weight of steel



Overview

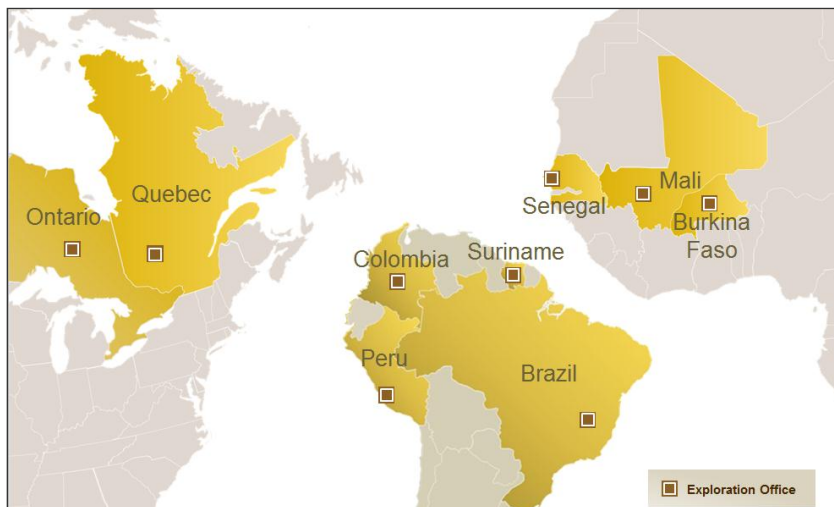
- › Continued stable mill operations
- › One of three major producers in the world
- › Expansion would triple production and increase mine life to 46 years
- › Completion of feasibility study Q3 2013 and permitting 2014

2013 Ongoing Examples of Cost Reduction

- › Improving underground development productivity and blasting efficiency
- › Introduction of larger melting vessels to improve productivity and reduce costs in the converter



2013 Exploration Program - \$96.4 Million¹



Continued focus on:

- › Near-mine development and select greenfields projects in W. Africa, South America and Canada
- › Greenfield
 - › Boto, Senegal
 - › Pitangui, Brazil
 - › Côte Gold, Canada
- › Brownfield
 - › Essakane
 - › Rosebel
 - › Westwood

Target: \$40M, Realized YTD: \$35M

1. \$14M greenfield and \$15M brownfield achieved through:
 - Downsized exploration teams
 - Reduced drilling activities in Mali, Burkina Faso & Suriname
 - Reprioritized projects
2. \$6M:
 - Deferred certain elements of Côte Gold exploration and pre-feasibility study

¹ Excluding \$3.2M for Sadiola and Yatela



Advancing Select Greenfield Projects - Priorities



Source: Updated Resource Estimate for Boto Gold, effective July 29, 2013.

Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 0.60 g/t Au. Mineral Resources are estimated using a gold price of US\$1,500 per ounce. High grade assays are capped at 15 g/t Au and 30 g/t Au depending on geological area. Bulk density varies from 1.61 t/m³ to 2.62 g/cm³ based on weathering code. The Mineral Resource Estimate is constrained by a Whittle Pit shell. Mineral Resources are not Mineral Reserves and do not yet have demonstrated economic viability, but are deemed to have a reasonable prospect of economic extraction. Numbers may not add due to rounding. Mineral Resources are reported on a 100% ownership basis.

■ Boto Gold Project – Senegal

- › Indicated resource of 1.1M oz. at 1.62 g/t Au
- › Drilling was suspended in Q3'13 during the rainy season
- › Will resume drilling program around Malikoundi deposit in November through yearend
- › Deposit remains open along strike to north and down dip at depth

■ Pitangui Project - Brazil

- › Infill drilling at São Sabastião continued in Q3'13
- › A mineral resource is expected Q4'13 should encouraging results continue

Reasons to Invest in IAMGOLD

■ Operations

- › Rosebel: New power rates and access to softer, higher grade ore from surrounding JV area
- › Essakane: More grinding and crushing capacity, ore from Falagountou and review of power sources
- › Westwood: Mine ramp up, leads to higher production and lower unit costs

■ Strong in-house engineering team

■ Outstanding CSR record and reputation

■ Long-life mines

■ Strong balance sheet

■ Cost reduction program gaining traction

■ Lowered cost guidance based off of first half of 2013



Appendix



2013 Guidance

Attributable
gold production

	<u>Current Guidance</u>	<u>Previous Guidance</u>
Rosebel (000s oz.)	365 - 385	
Essakane (000s oz.)	255 - 275	
Doyon division - Westwood & Mouska (000s oz.) ¹	130 - 150	
Total owner-operated production (000s oz.)	750 - 810	
Joint ventures (000s oz.)	125 - 140	
Total attributable production (000s oz.)	875 - 950	
Total cash costs ^{2,3} – owner-operator	\$750 - \$800	\$810 - \$880
Total cash costs – gold mines (\$/oz)	\$790 - \$840	\$850 - \$925
All-in sustaining costs ^{2,4} – owner-operator (\$/oz.)	\$1,100 - \$1,200	\$1,150 - \$1,250
All-in sustaining costs – gold mines (\$/oz.)	\$1,150 - \$1,250	\$1,200 - \$1,300
Niobec production (Mkg Nb)	4.7 - 5.1	
Niobec operating margin (\$/kg Nb) ²	\$15 - \$17	
Effective tax rate (%)	38%	

¹ Doyon division production of 130,000 – 150,000 ounces includes Westwood pre-commercial production. Associated contribution will be recorded against its mining assets on the consolidated balance sheets.

² This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.

³ The total cash costs computation does not include Westwood pre-commercial production.

⁴ All-in sustaining cost per ounce sold is defined as the sum of commercial operating gold sites attributable cost of sales excluding depreciation and including by-product credits, corporate general and administration expenses, sustaining exploration and evaluation expenses, sustaining capital expenditures and environmental rehabilitation accretion and depreciation divided by attributable ounces sold.



2013 Capital Program¹

(\$ millions)	Sustaining	Development/ Expansion	Total
Rosebel	108	22 ²	130
Essakane	100	200	300
Westwood	-	100	100
Total Gold Segment	208	322	530
Niobec	31	49	80
Corporate and Other	5	-	5
Total Consolidated	244	371	615
Joint Ventures ³	30	45	75
Total	274	416	690

¹ Capitalized borrowing costs are not included.

² The feasibility study to determine the optimum mine plan scenario for Rosebel, which will be incorporating the recently announced reduced power rates, is nearing completion. The associated capital program, if any, would depend on the outcome of the feasibility study.

³ Attributable capital expenditures of \$75M include sustaining capital expenditures, capitalized stripping costs and existing commitments related to the ordering of long lead items in 2012 for the Sadiola sulphide expansion project.





Today's Presentation Date: November 20, 2013

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