

Cash Preservation Cost Reduction Disciplined Capital Allocation



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President and CEO

Denver Gold Forum 2013

TSX: IMG NYSE: IAG

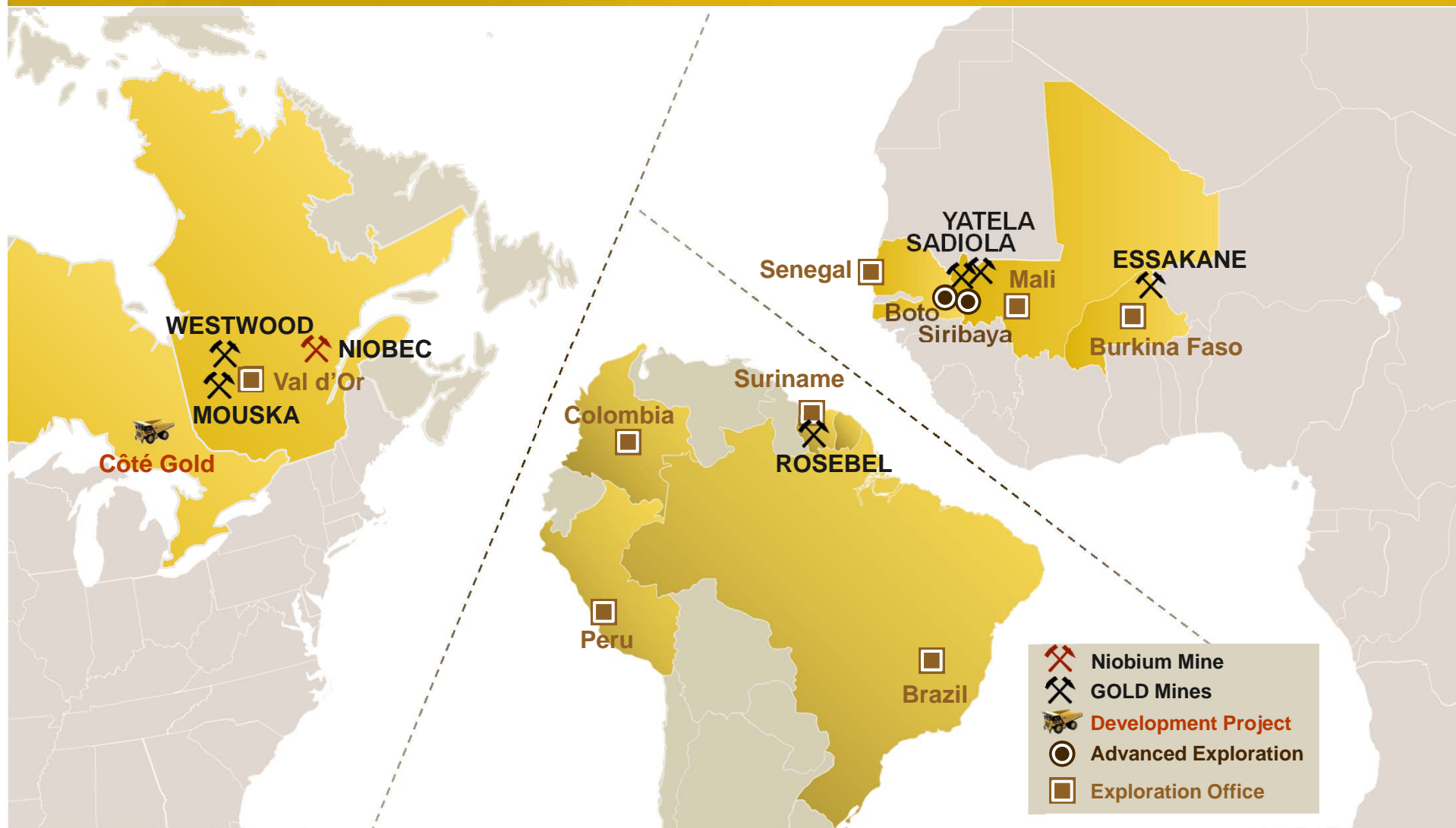
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For a more comprehensive discussion of the risks faced by the Company, and which may cause the actual financial results, performance or achievements of IAMGOLD to be materially different from the company's estimated future results, performance or achievements 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.

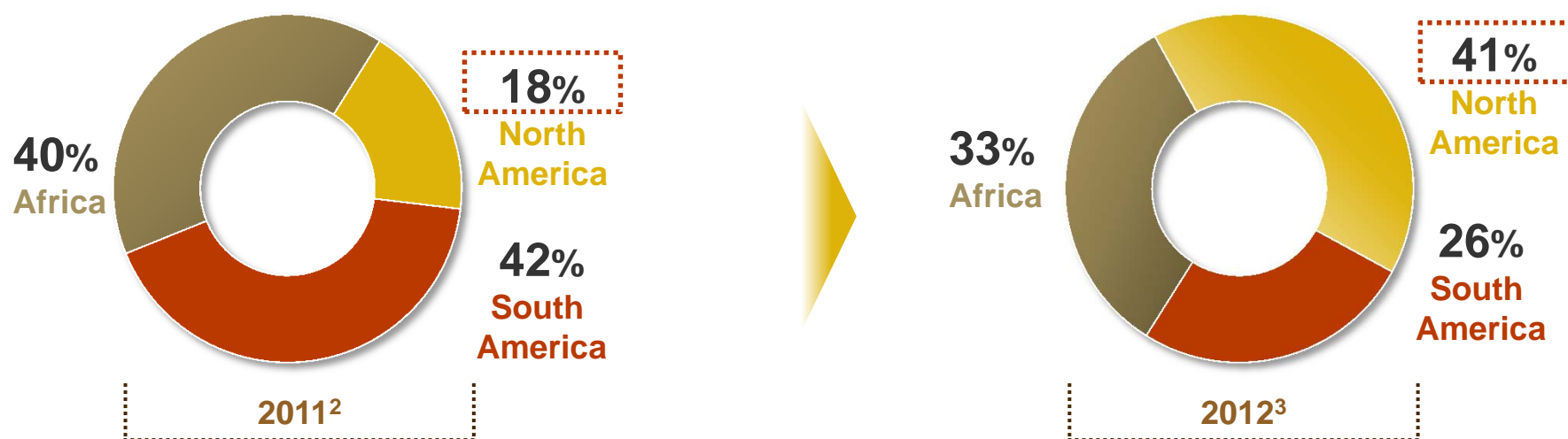
The Company disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise except as required by applicable law.

IAMGOLD's High Quality, Long-Life Assets



Balanced Geographic Portfolio

Gold Mineral Resources¹



Priorities



Cost Reduction



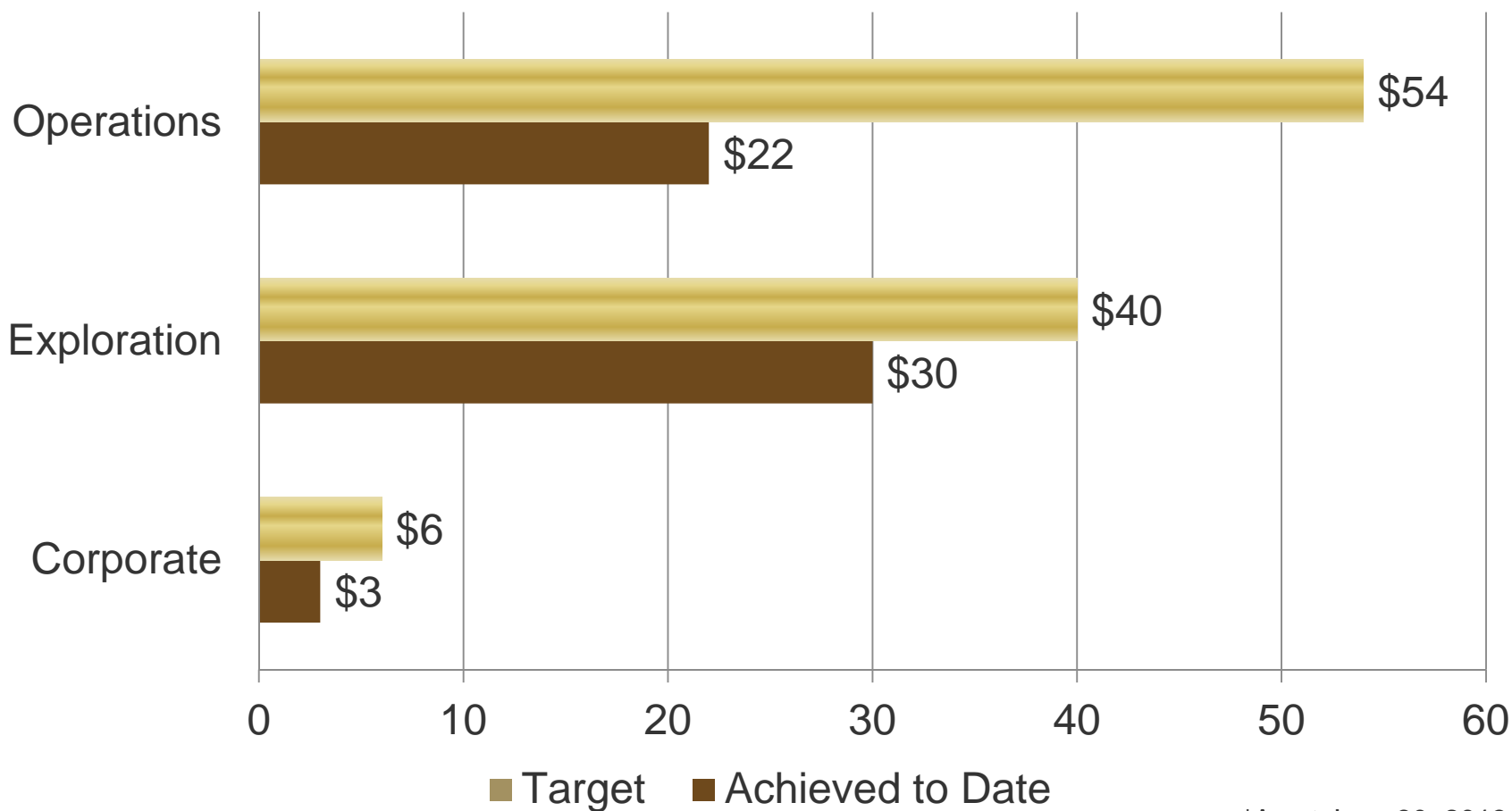
Disciplined Capital Allocation



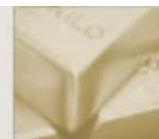
Cash Preservation



Cost Reduction: Achieved 55% of \$100M Target*



*As at June 30, 2013



2013 Guidance

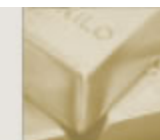
Attributable
gold production

| | | Previous Guidance |
|--|-------------------|-------------------|
| 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 – owner-operator | \$750 - \$800 | |
| Total cash costs – gold mines (\$/oz) | \$790 - \$840 | \$850 - \$925 |
| | | |
| All-in sustaining costs ^{2,3} – 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 non-commercial production of 40,000 to 50,000 ounces. 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 All-in sustaining cost per ounce sold is defined as the sum of 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 | 20 | 80 | 100 |
| Total Gold Segments | 228 | 302 | 530 |
| Niobec | 31 | 49 | 80 |
| Corporate and Other | 5 | - | 5 |
| Total Consolidated | 264 | 351 | 615 |
| Joint Ventures ³ | 30 | 45 | 75 |
| Total | 294 | 396 | 690 |

¹ Capitalized borrowing costs are not included.

² The feasibility study to determine the optimum mine plan scenario for Rosebel, and which will be incorporating the recently announced reduced power rates, is expected to be completed at the end of the third quarter 2013. The associated capital program, if any, would depend on the outcome of the feasibility study.

³ Attributable capital expenditure 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.



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

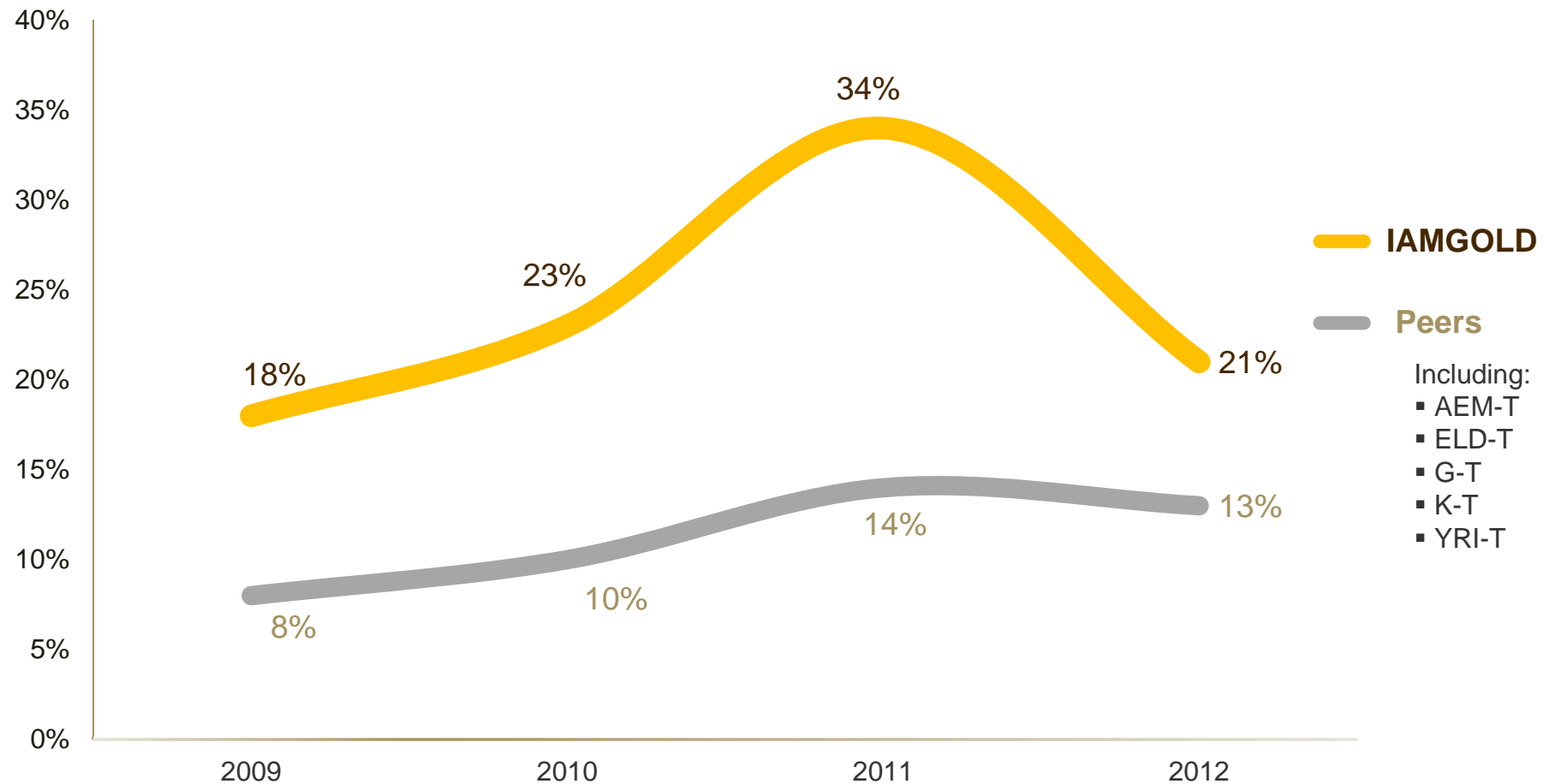
Côte Gold Project

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

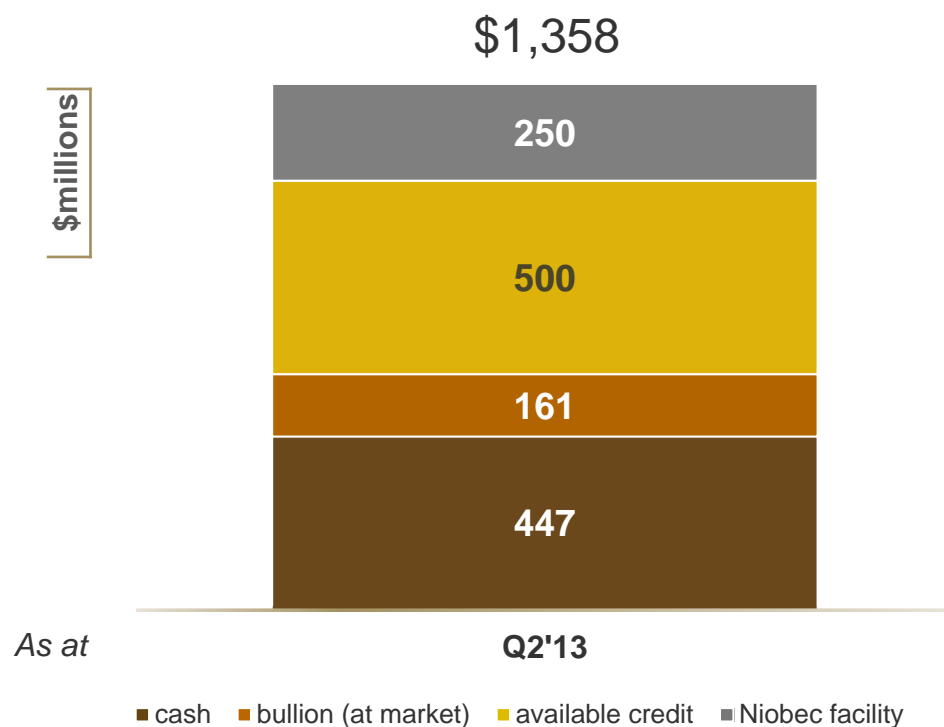
Pre-tax Earnings* from Operations: Revenue - Mining costs (called cost of sales in 2012) + Share of loss/gain from investment in associates. *Earnings are before exploration expenses and Corporate G&A.

Capital: Shareholders' Equity+Minority Interest+LTD - Cash, cash equivalents and short-term deposits-Investments (Investments consist of: gold bullion (book value), current and non-current marketable securities, current and non-current warrants held as investments, royalty interests)



Cash Preservation – Liquidity

We are committed to preserving our financial liquidity.

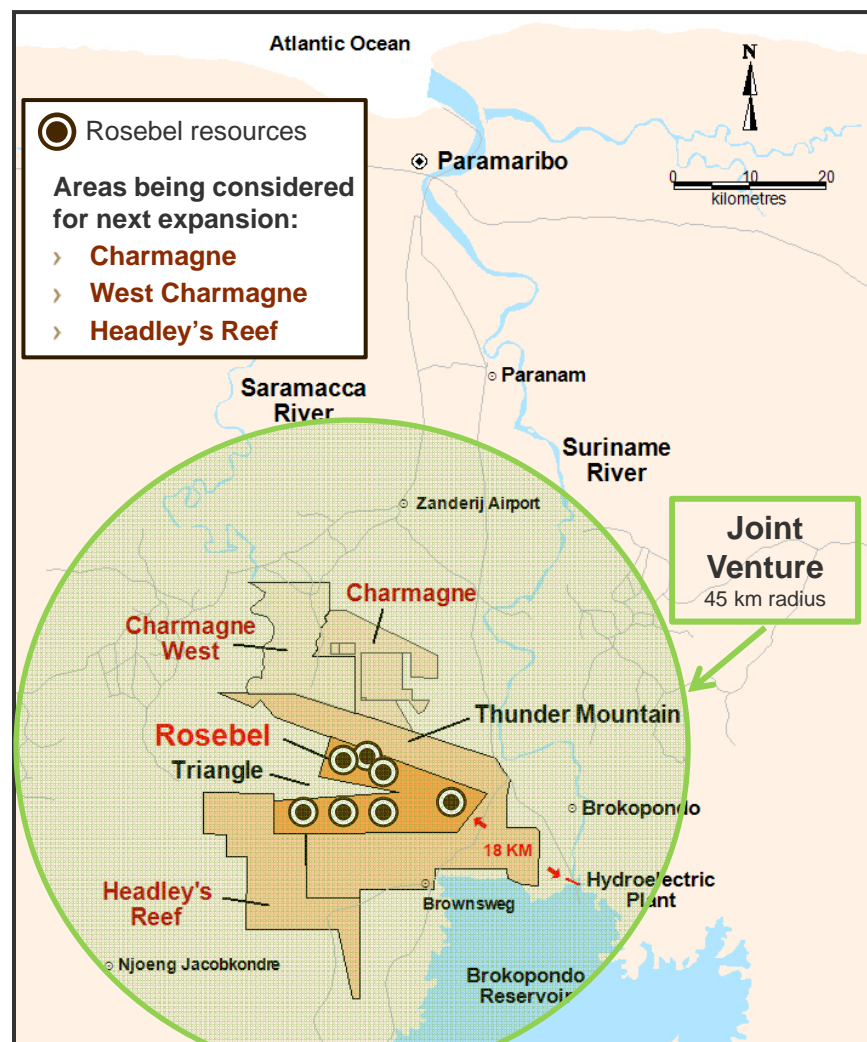


| \$millions | June 30, 2013 |
|-------------------------|---------------|
| Cash & cash equivalents | 447 |
| Gold bullion at market | 161 |
| Unused credit facility | 500 |
| Unused Niobec facility | 250 |
| Total | 1,358 |

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



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

Rosebel - Suriname

2013 Production Guidance

365,000 - 385,000 oz.



Overview

- › Third ball mill expected to improve recoveries in H2 2013
- › Accessing higher grade ore through mine re-sequencing
- › Q2 total cash costs of \$745/oz.¹, benefit from power cost adjustment

¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.

2013 Ongoing Examples of Cost Reduction

- › Reduced:
 - › Equipment standby time through better management of shift changes
 - › Staffing requirements through business process and operating efficiency improvements
 - › Frequency and cost of preventative truck maintenance
- › Replaced smaller 777 trucks with larger 785 trucks to increase efficiency and lower maintenance costs and fuel consumption
- › Increased throughput to gravity circuit following commissioning of third ball mill led to reduction in cyanide consumption
- › Increasing drilling and blasting efficiencies by increasing bench height
- › Improved and redesigned mine roads, improving tire life and reducing maintenance costs and hauling distances



Essakane – Burkina Faso

2013 Production Guidance

255,000 - 275,000 oz.



Overview

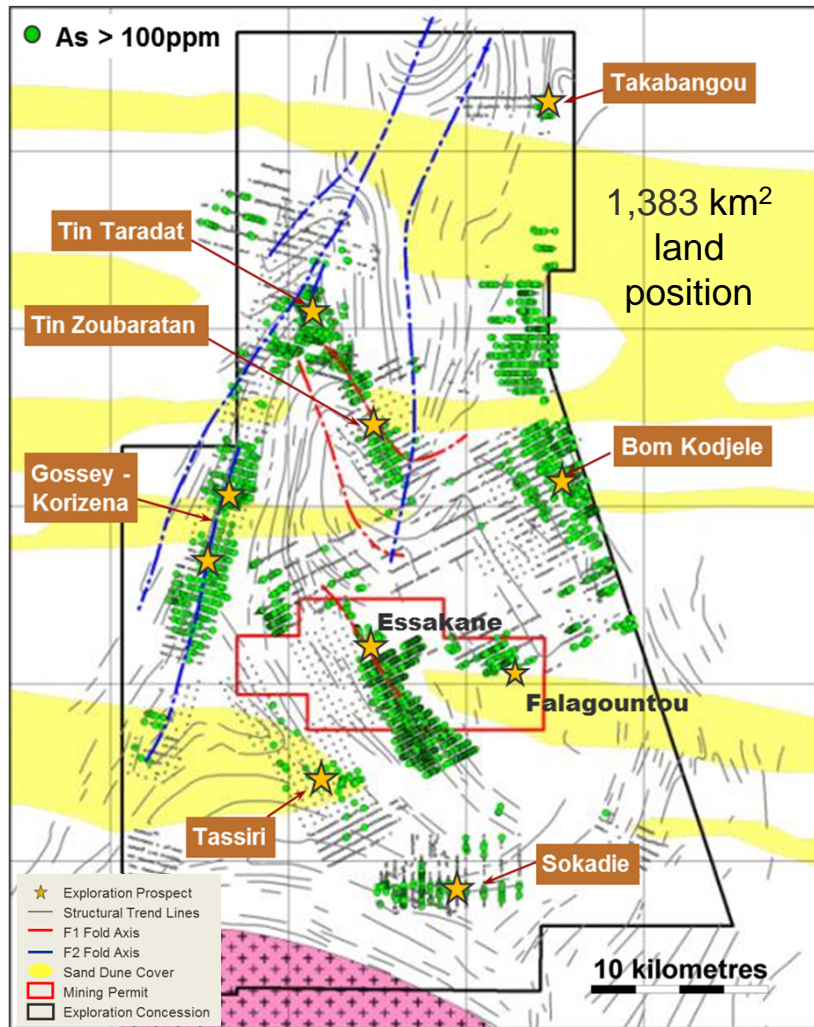
- › New pebble crusher and CIL tanks are now improving recoveries and throughput
- › Ore grades expected to be 10-15% lower than LOM average
- › Stockpiling higher grade ore with pushback of main pit

2013 Ongoing Examples of Cost Reduction

- › Implemented a transition plan to replace more expats with nationals
- › Consolidated bus contracts to transport employees to and from worksite, 5% reduction in price
- › Negotiated price discounts with local suppliers
- › Reduced energy and steel consumption in the SAG and ball mill grinding process through accelerated pebble crusher commissioning
- › Replaced consultants with in-house technical services team



Essakane Exploration Focus



Falagountou satellite resource

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



Westwood/Mouska – Quebec

2013 Production Guidance

130,000 - 150,000 oz.*



** Includes Mouska and Westwood mines*

Overview

- › Westwood plant (refurbished Doyon mill) commenced production Q1
- › Began processing pre-commercial ore from Westwood (10,000 ozs.) in Q2
- › Westwood Mine expected to reach commercial production by end of 2013
- › Mine plan on track to reach LOM throughput levels by 2015

2013 Ongoing Examples of Cost Reduction

- › Improving underground development productivity



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 »

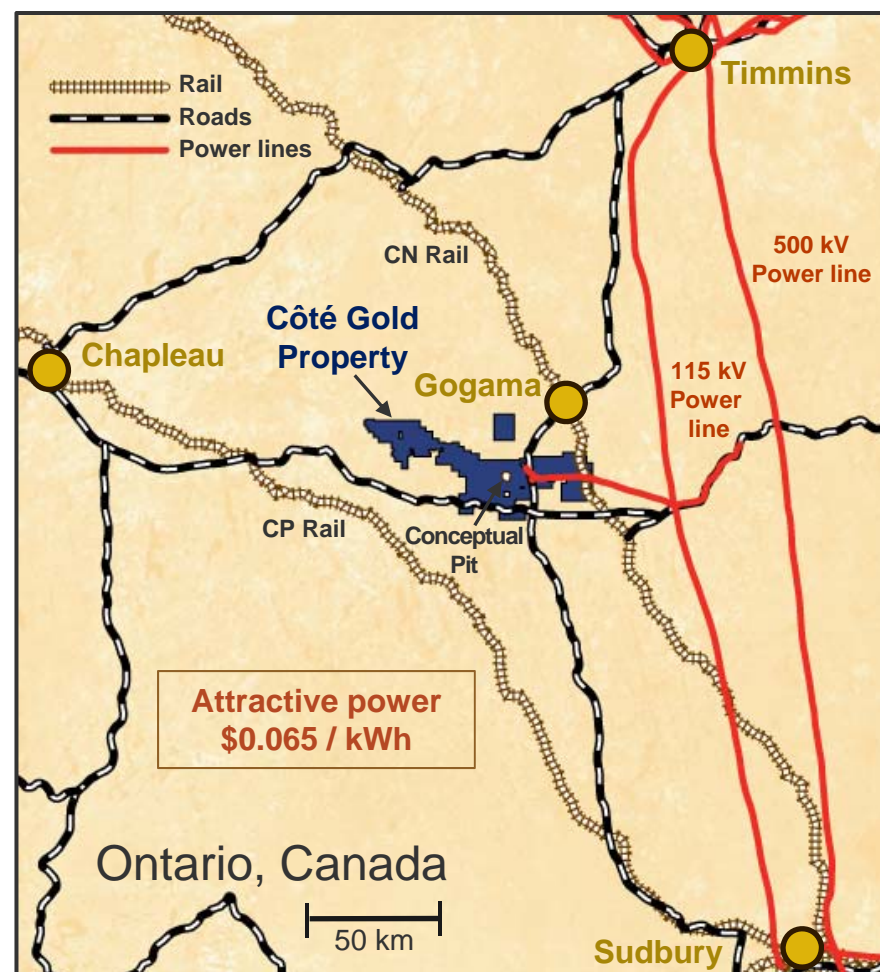
Côté Gold – Well Established Infrastructure

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

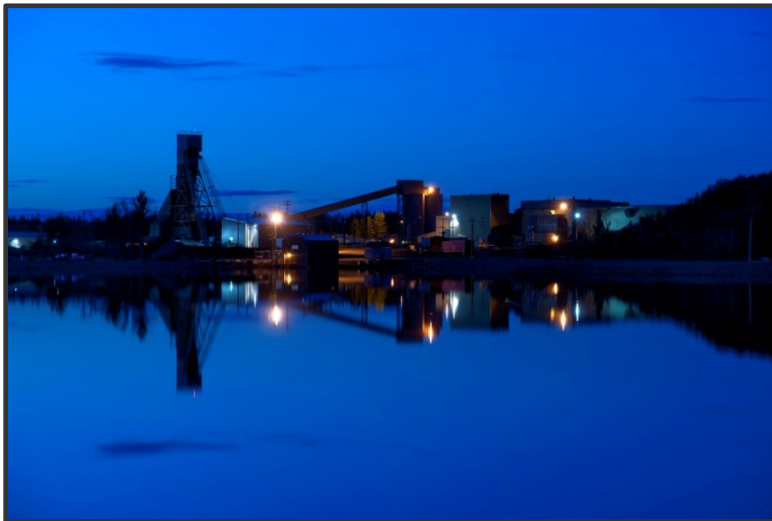


Niobec – Quebec

2013 Production Guidance

4.7 - 5.1 Mkg Nb

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



Overview

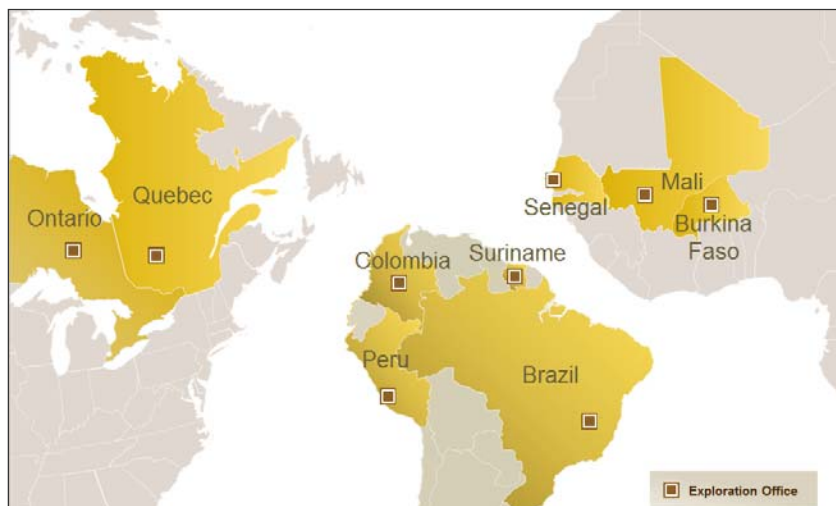
- › Continued stable mill operations
- › One of three major producers in the world
- › Expansion would triple production and increase mine life to 46 years
- › Completion of feasibility study Q3 2013 and permitting 2014

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 - \$99.0 Million*



Continued focus on:

- › Near-mine development and select greenfields projects in South America and Canada
- › Greenfield
 - › Senegal
 - › Brazil
 - › Côte Gold
- › Brownfield
 - › Essakane
 - › Rosebel
 - › Westwood
 - › Niobec

Targeted reduction in exploration spending for 2013: \$40M

Realized Q2 YTD: \$30M

- \$13M greenfield and \$13M brownfield achieved through:
 - Downsized exploration teams
 - Reduced drilling activities
 - Reprioritized projects
- \$4M:
 - Deferred/redesigned elements of Côte Gold such as drilling program and ongoing pre-feasibility study
 - Exploration program

*After \$40M reduction and excluding \$3.2M for Sadiola and Yatela



Advancing Select Greenfield Projects



■ Boto Gold Project - Senegal

- › Maiden resource announced Q2/13
- › Indicated resource of 1.1M oz. at 1.62 g/t Au
- › Scoping study expected 2014

■ Pitangui Project - Brazil

- › Plan to complete a mineral resource estimate in Q4/13 subject to the continuation of encouraging infill drilling results
- › Second gold mineralization identified 3 kilometres from Pitangui

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





Today's Presentation Date: September 2013

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