



IAMGOLD[®]
CORPORATION

A Story of Transformation

September 2017

STEPHEN LETWIN, PRESIDENT & CEO

Empowering People,
Extraordinary Performance

| TSX: IMG | NYSE: IAG |

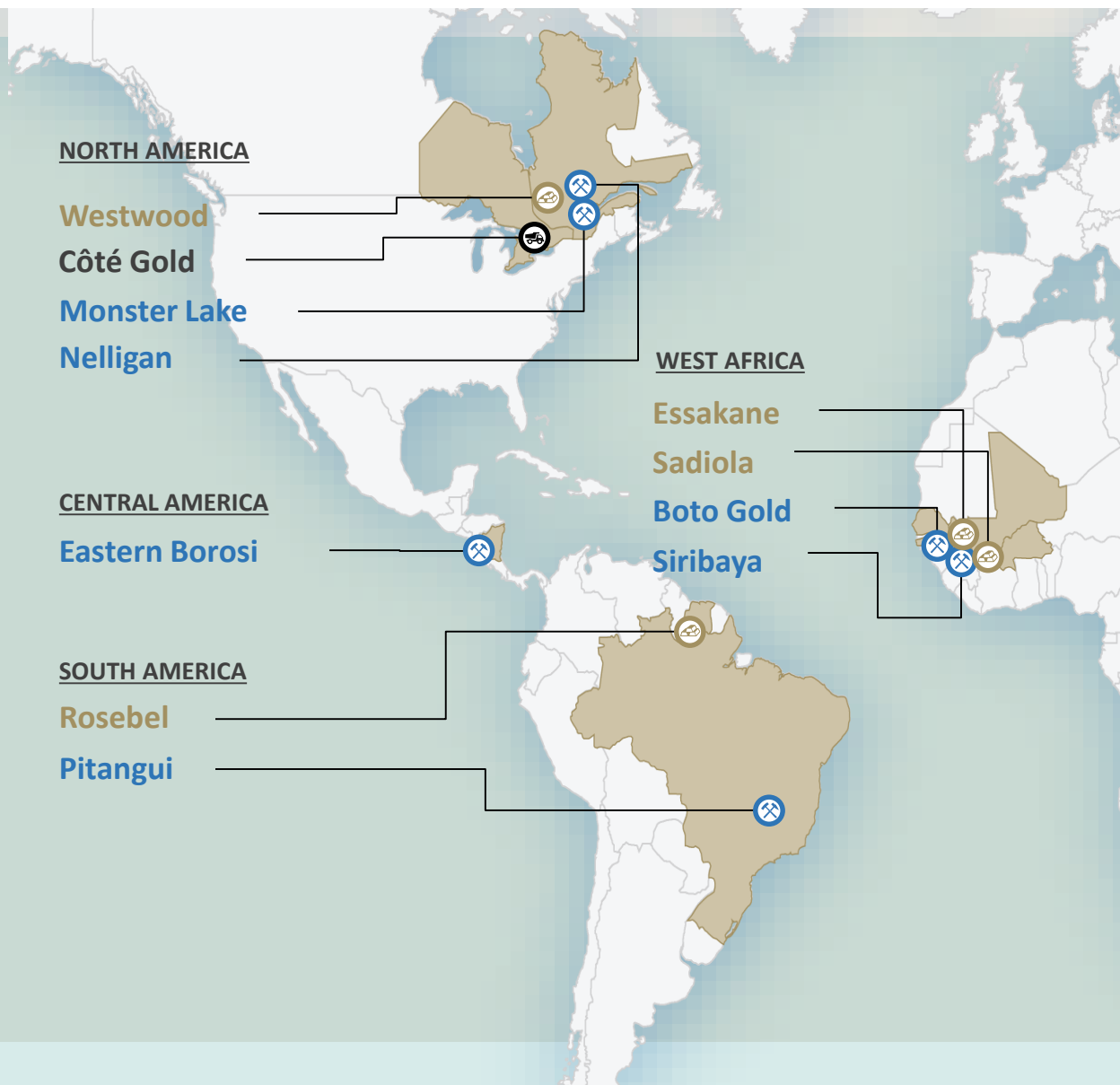
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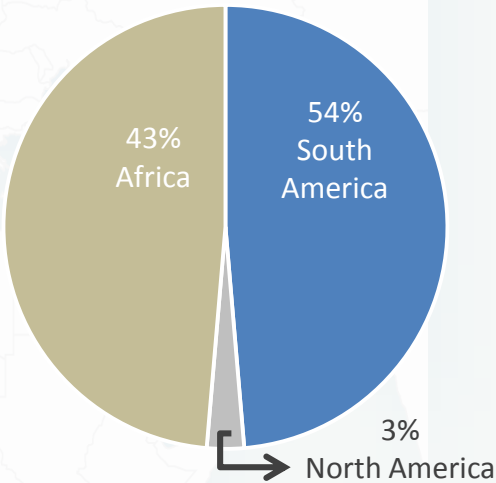
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Geographically Diverse & Balanced Over 3 Continents

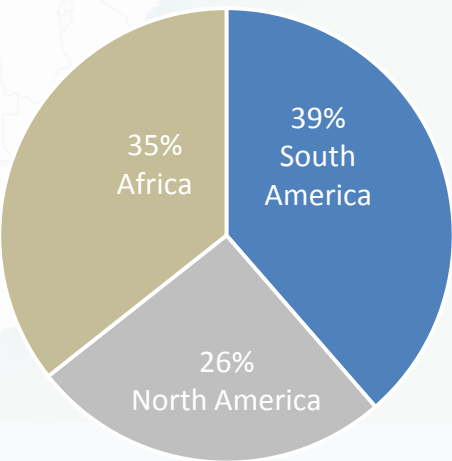


IAMGOLD Attributable Measured and Indicated Resources

As at December 2011



As at September 2017



Shareholder Value is on The Rise



MID-TIER GOLD PRODUCER

- 2016 attributable production of 815,000 oz
- 2017 guidance of 845,000 oz to 885,000 oz

13.2M OZ IN RESERVES

- Reserves increased by 69% or 4.4M oz since December 31, 2016
- 25M oz in Measured & Indicated Resources (includes reserves)

GEOGRAPHICALLY DIVERSIFIED

- 4 operating mines on 3 continents

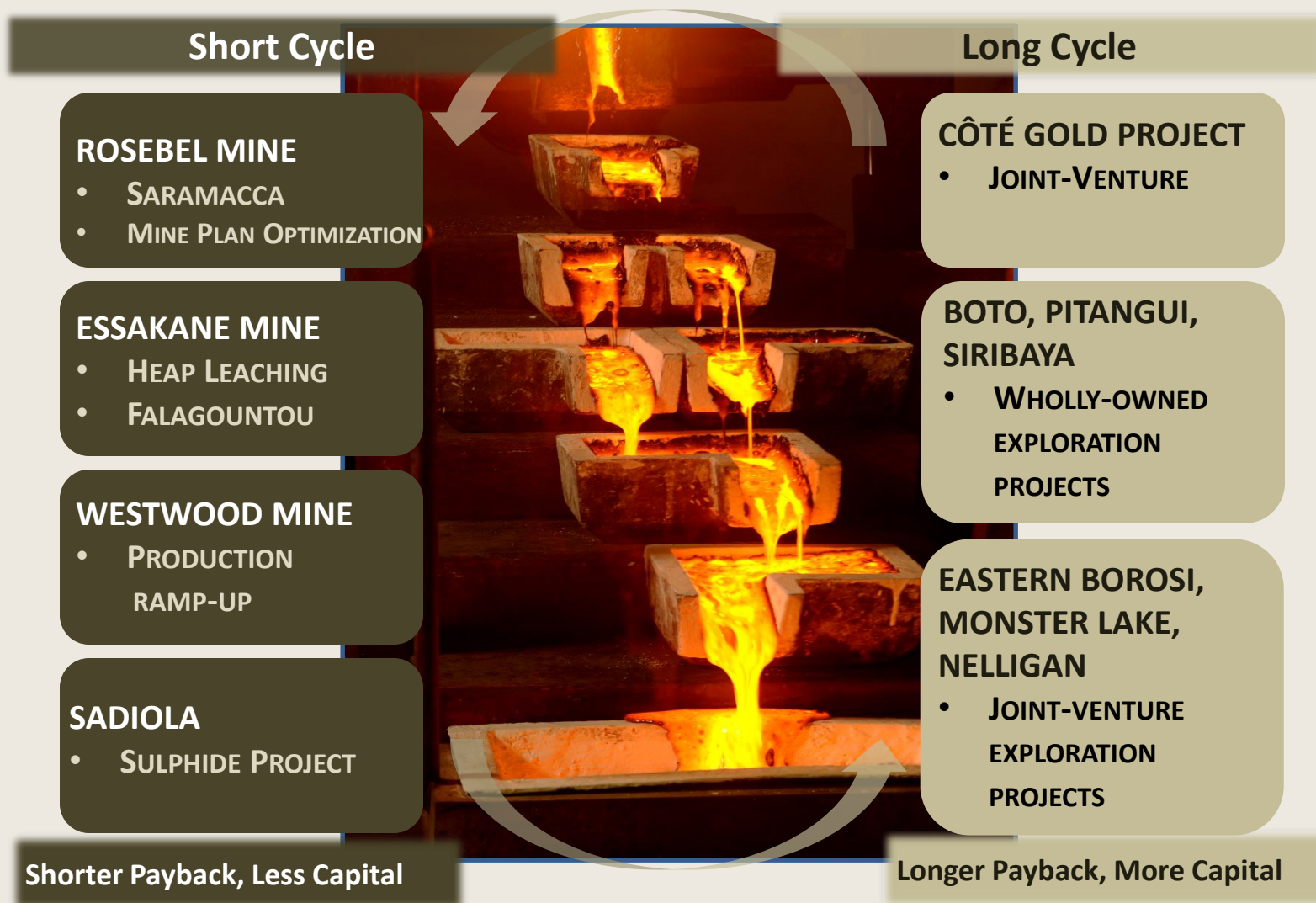
GROWTH STRATEGY

- Advancing Côté
- Heap leaching at Essakane
- Consolidation at Rosebel
- Ramp-up at Westwood
- Exploration

STRONG BALANCE SHEET

- Liquidity of US\$1.0B
- \$776 million in cash & cash equivalents
- \$247 million available credit facility

A Balanced Business Model



Rosebel – Significant Transformational Achievements

Suriname (95%)

Increased Reserves & Resources


- 80% increase in reserves announced July 2017 bringing attributable reserves at Rosebel to 3.5M oz
- M&I resources (includes reserves) up 55% to 8.9Moz
- Inferred resources up 322% to 2.5M oz
- Increase mainly due to mine plan optimization and cost reductions allowing access to ounces deeper in pits
- Potential for further increase with Saddle Zones

Consolidating Prospective Land Packages

- UJV agreement with republic of Suriname
- Objective to continue to acquire prospective properties within a 45 kilometer radius of Rosebel mill

Saramacca's Initial Resource Estimate

- Maiden resource announced Sept 2017; 1.2M oz indicated @ 2.2g/t Au and 518,000 oz Inferred @ 1.2 g/t Au
- Higher grades and 60% soft rock
- Expect to complete permitting and have preliminary reserve estimate by H1'18; initial production 2019



Rosebel's 80% increase in reserves will extend mine life to 2028

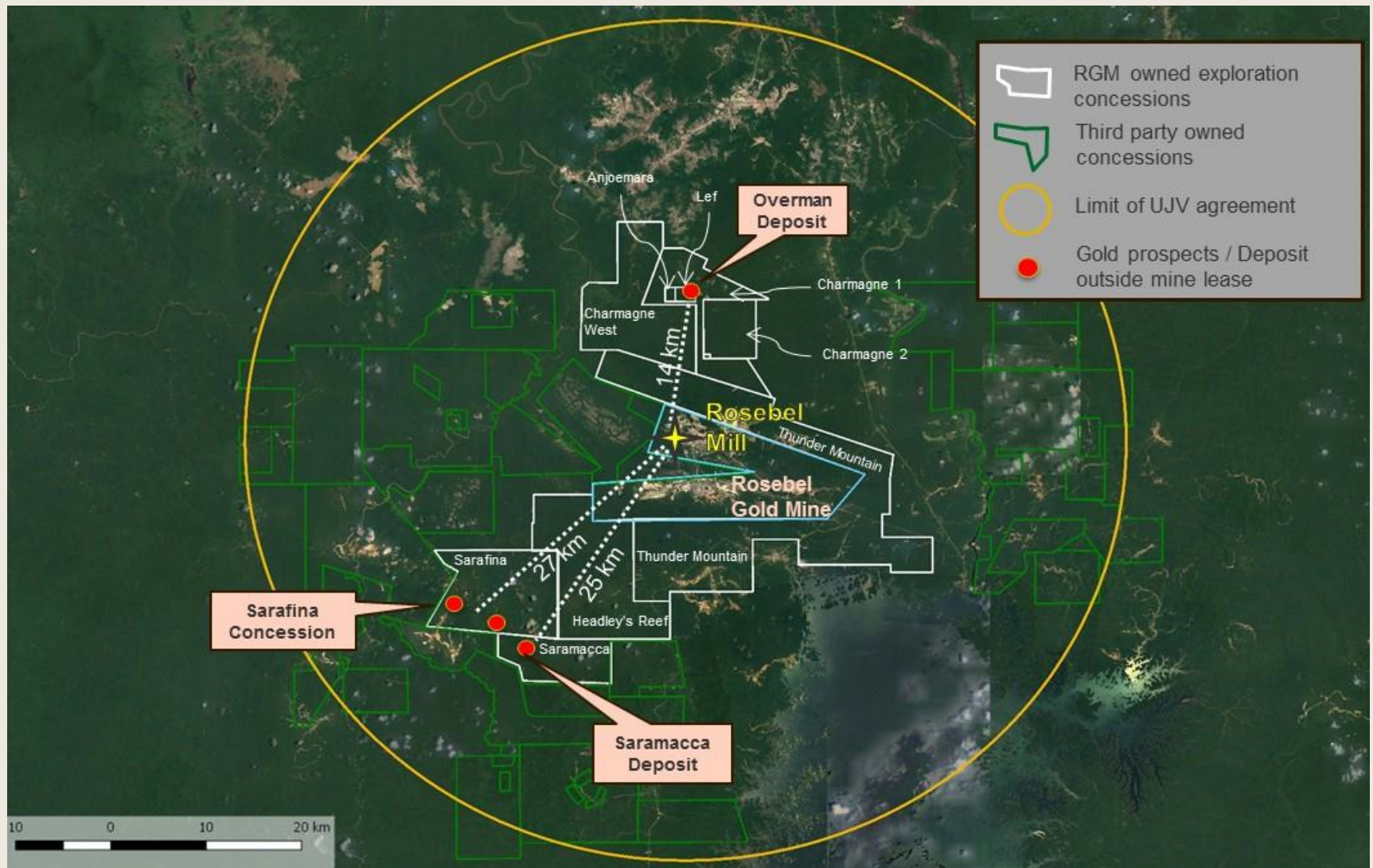
Negotiations already underway to acquire additional concessions nearby

Open in both directions and at depth; extends mine life beyond 2028



2017 Production Guidance 295,000 - 305,000 oz

Consolidating Prospective Land Packages Around Rosebel



Essakane – Driving Transformational Change

Burkina Faso (90%)

Falagountou Deposit

- Western portion increased Essakane's indicated resource by 14% or 600,000 oz
- Eastern portion has potential to increase resources with low-cost, high-grade saprolite ore
- Drilling continues to expand limits of ore body

Updated resource est. for Fala East expected by end of 2017

Heap Leaching

- Prefeasibility Study initiated; completion expected Q2'18
- Potential production start by end of '19
- Capacity to increase annual gold production at Essakane by 15-20%

Potential to transform Essakane with additional 3-5 years of mine life

Satellite Prospects

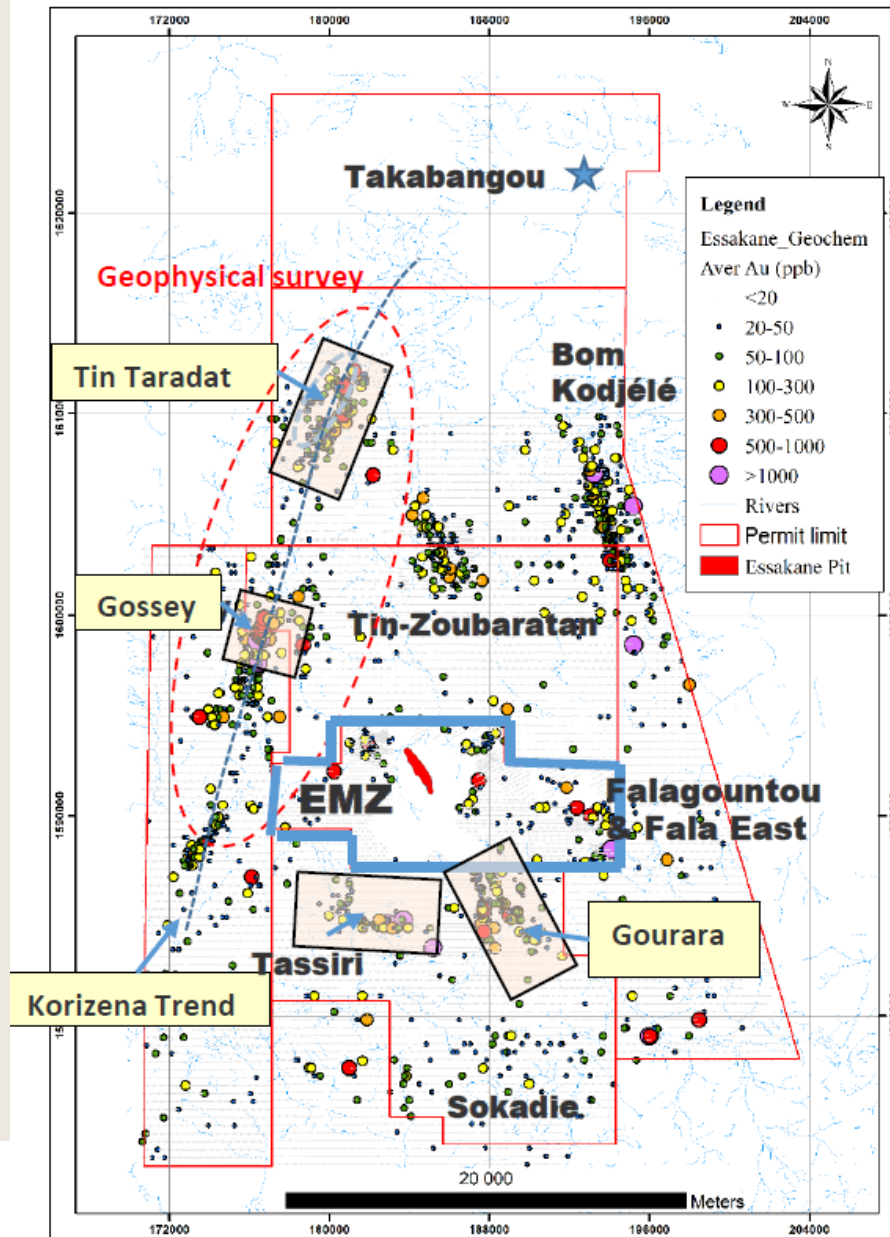
- Ongoing exploration on highly prospective land package with >1,200 sq. Km
- Drilling and assessing results at Gossey, Korezena, Tassiri and Sokadie

Four satellite prospects within 10-15km of mine



2017 Production Guidance 370,000 - 380,000 oz

Numerous Prospects Near Essakane



Westwood – Ramping up to Full Production

Quebec (100%)

Underground Development is On Target


- Completed 25 km of underground development in 2016 – averaging 74 meters per day
- Underground development continuing to open access to new mining areas

Substantial Resource Conversion Year over Year

- Seeing significant resource potential in existing mining blocks, at depth and to the west
- >100 km drilling planned for 2017

Ramp-up Strategy On Track

- Now producing at normal levels
- Targeting 26 km of underground development in 2017



March 2017
Quebec regulators
approved reopening of
mining block affected by
2015 seismic event

Reserves increased by
75% year over year with
reserve grade increasing
16%

Ramping up to full
production by 2019 with
mine life to 2033



2017 Production Guidance 115,000 – 125,000 oz

Côte Gold - Advancing Towards Development

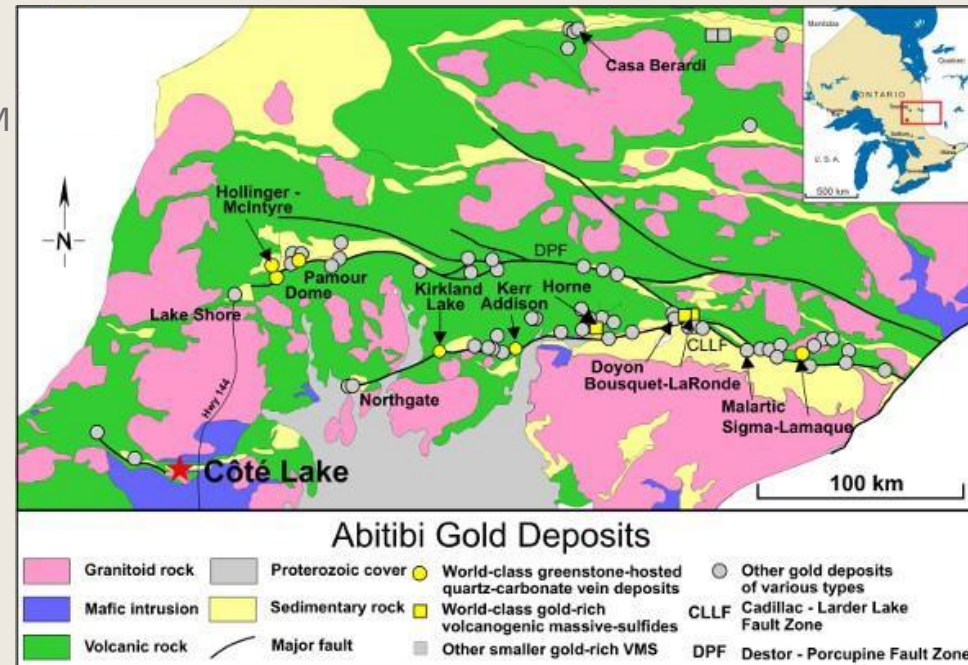
Ontario (70%)

Joint Venture with Sumitomo Metal Mining¹

- Completed sale of 30% interest in Côte Gold Project to SMM for \$195M
- SMM is well funded with extensive technical expertise
- Common interest in developing Côte and pursuing future opportunities
- IMG to be the operator

Pre-Feasibility Results Demonstrate Economically Viable Project²

- 6M oz in reserves on 100% basis
- 8M oz of M&I (includes reserves)
- 1.2M oz of Inferred
- 17 year mine life
- LOM average annual attributable production 207,000
- LOM average cash costs \$605/oz; AISC \$689/oz
- After-tax NAV \$703M (5% discount rate) with 14% IRR; at \$1250/oz gold price



Positive decisions on both
Federal and Provincial
Environmental Assessments;
completion of feasibility study
expected H2'18

¹ Refer to IAMGOLD news release dated June 20, 2017

² Refer to IAMGOLD news release dated June 5, 2017

Strong Exploration Pipeline for Continuous Growth

Wholly Owned

Boto Gold

- Expanding Malikoundi deposit in Senegal
- Technical studies ongoing
- Targeting resource update by year end

Resources*:

Total M+I = 1,563 @ 1.8 g/t
Total Inferred = 125 @ 1.3 g/t

Pitangui

- Sao Sebastiao deposit in Brazil
- Ongoing technical studies

Resources*:

Total Inferred = 679 @ 5.0 g/t

Diakha-Siribaya

- Mali, consolidated ownership
- Expanding resources

Resources*:

Total M+I = 129 @ 1.9 g/t
Total Inferred = 1,092 @ 1.7 g/t

Loma Larga

- Project in Ecuador, operated by INV Metals, IAMGOLD owns ~36%
- Strategic investment provides optionality



Joint Ventures

Monster Lake

- Quebec; 50-50 JV with TomaGold
- High-grade vein deposit in prolific Abitibi Greenstone Belt
- Targeting initial resource estimate by year end

Nelligan

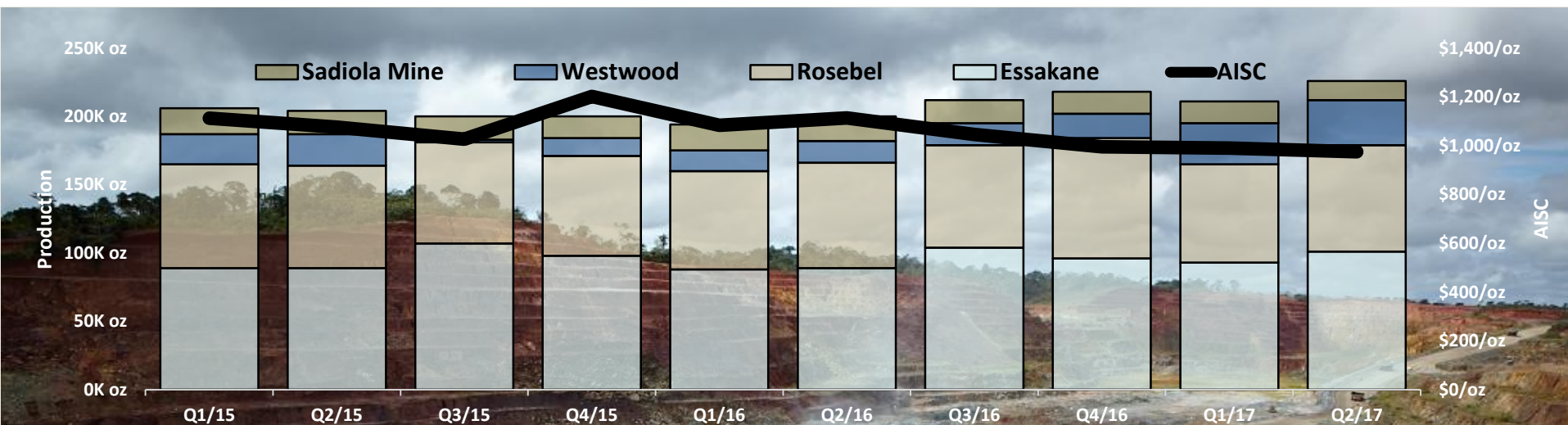
- Quebec, 15km from Monster Lake, earn-in option with Vanstar Mining
- New greenfield discovery

Eastern Borosi

- Nicaragua; option agreement with Calibre Mining
- Targeting high-grade epithermal gold-silver veins
- Targeting initial resource estimate by year end

*Resources reflect contained gold ounces in the 000s. Boto, Diakha-Siribaya and Pitangui mineral resources have been estimated as of December 31, 2016 using a \$1,500/oz. gold price and have been estimated in accordance with NI 43-101. In mining operations, measured and indicated resources that are not mineral reserves are considered uneconomic at the price used for reserve estimations but are deemed to have a reasonable prospect of economic extraction. Measured and indicated gold resources are inclusive of proven and probable reserves.

A Story of Transformation



SIGNIFICANT ACHIEVEMENTS

- Côte Gold Project - JV with Sumitomo Metal Mining and positive PFS
- 80% increase in Rosebel's reserves
- Completion of Saramacca's maiden 43-101 resource estimate
- Westwood operating at normal level of production
- 69% increase in consolidated reserves

ON-GOING MINE OPTIMIZATION

- Major mine and mill improvements at all operations on-going
- Targeting AISC of US\$900-US\$950 by 2020

SOLID OPERATING PERFORMANCE

- Production increased 8% year-over-year
- AISC down 17% year-over-year

A Story To Be Continued

Targeting 25% growth in production by 2020
through organic growth opportunities

Future Growth Options

Further expansion at
mines and exploration
projects in the pipeline

Westwood

Producing at
full capacity in
2019

Côte Gold Development

Rosebel

Further
Consolidation

Essakane

Heap leaching



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