IAMGOLD® CORPORATION

Q4'16

TSX: IMG NYSE: IAG

WHO WE ARE

IAMGOLD is a mid-tier mining company with four operating gold mines on three continents. A solid base of strategic assets in North and South America and West Africa is complemented by development and exploration projects, and continued assessment of accretive acquisition opportunities.

Price	US $4.06
Market Cap	US $1.8B
Shares Outstanding	454M
52 Week High / Low	US $5.87/$1.95
Avg Daily Volume	9.7M
Management Ownership	0.54%

As at December 31, 2016 and as listed on the NYSE.

WHY INVEST IN IAMGOLD?

1. Operations diversified across three continents
2. Strong liquidity allowing for financial flexibility
3. Focused on cost reduction, capital discipline and cash preservation
4. Robust exploration portfolio
5. Excellent CSR reputation

2017 PRODUCTION AND COST GUIDANCE

MINE/PROJECT	2017 Guidance[4]
Essakane (000s oz.)	370 – 380
Rosebel (000s oz.)	295 – 305
Westwood (000s oz.)	115 – 125
Total owner-operated production (000s oz.)	780 - 810
Joint ventures (000s oz.)	65-75
Total attributable production (000s oz.)	845 - 885
Cost of sales[1] ($/oz.)	$765 - $815
Total cash costs[2] – owner-operator ($/oz)	$740 - $780
Total cash costs[2,3] ($/oz)	$740 - $780
All-in sustaining costs[2] – owner-operator ($/oz.)	$1,000 - $1,080
All-in sustaining costs[2,3] ($/oz.)	$1,000 - $1,080

1 Cost of sales, excluding depreciation, on an attributable ounce sold basis does not include JVs which are accounted for on an equity basis. 2 This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for reconciliation to GAAP. 3 Consists of Essakane, Rosebel, Westwood and the JVs on an attributable basis. 4 2017 guidance is based on Q4'16 assumptions with an average realized gold price of $1,250 per ounce, Canadian $/USD exchange rate of 1.35, USD/€ exchange rate of 1.08 and average crude oil price of $48/barrel.

KEY STRENGTHS

Strong balance sheet

An improving cost structure

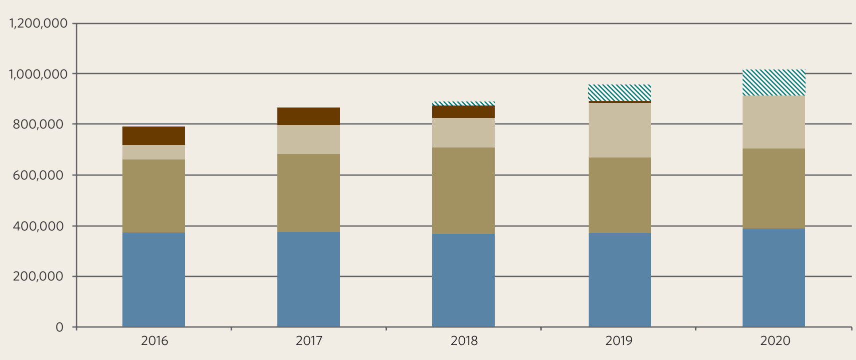
Intense focus on mine optimization

LIQUIDITY AS AT DECEMBER 31, 2016

Cash & Cash Equivalents*	$652M
Available Credit Facility	$247M
Total Liquidity	**$899M**

*Excludes restricted cash of $111M

POTENTIAL PRODUCTION PIPELINE



TARGETING AISC OF $900-$950/OZ BY 2020

ATTRIBUTABLE RESERVES

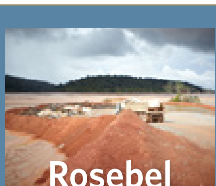
As at December 31, 2016	PROVEN			PROBABLE		
	Tonnes (000s)	Grade (g/t)	Contained Ounces (000s)	Tonnes (000s)	Grade (g/t)	Contained Ounces (000s)
Rosebel[1] (95%)	50,395	1.0	1,663	8,889	1.1	311
Essakane[1] (90%)	-	-	-	80,708	1.1	2,980
Westwood[2] (100%)	971	8.1	254	2,714	9.1	792
Sadiola[3] (41%)	-	-	-	31,619	1.8	1,797
Côté Gold (92.5%)	-	-	-	-	-	-
Boto (100%)	-	-	-	-	-	-
Pitangui (100%)	-	-	-	-	-	-
Diakha-Siribaya (100%)	-	-	-	-	-	-
Total proven reserves				51,375	1.2	1,918
Total probable reserves				123,931	1.5	5,880
Total proven and probable reserves				175,306	1.4	7,798

ATTRIBUTABLE RESOURCES

As at December 31, 2016	MEASURED			INDICATED			INFERRED		
	Tonnes (000s)	Grade (g/t)	Contained Ounces (000s)	Tonnes (000s)	Grade (g/t)	Contained Ounces (000s)	Tonnes (000s)	Grade (g/t)	Contained Ounces (000s)
Rosebel[1] (95%)	122,799	1.0	3,825	57,730	1.0	1,899	21,192	0.9	601
Essakane[1] (90%)	-	-	-	112,284	1.2	4,155	12,426	1.1	439
Westwood[2] (100%)	652	12.9	271	2,079	13.7	915	3,343	10.9	2,223
Sadiola[3] (41%)	10	2.4	1	51,927	1.7	2,910	7,824	1.7	425
Côté Gold[4] (92.5%)	-	-	-	267,494	0.9	7,727	61,877	0.6	1,086
Boto[4] (100%)	-	-	-	27,670	1.8	1,563	2,922	1.3	125
Pitangui[4] (100%)	-	-	-	-	-	-	4,252	5.0	679
Diakha-Siribaya[4] (100%)	-	-	-	1,051	1.9	64	9,908	1.7	546
Total measured resources							123,461	1.0	4,096
Total indicated resources							520,235	1.1	19,235
Total measured and indicated resources[5,6]							643,696	1.1	23,331
Total inferred resources							126,744	1.5	6,124

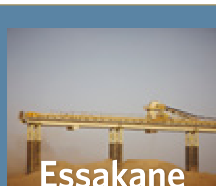
1 Rosebel and Essakane mineral reserves have been estimated as of December 31, 2016 using a $1,200/oz. gold price and mineral resources have been estimated as of December 31, 2016 using a $1,500/oz. gold price and have been estimated in accordance with NI 43-101. **2** Westwood mineral reserves have been estimated as of December 31, 2016 using a $1,200/oz. gold price and mineral resources have been estimated as of December 31, 2016 using a 6.0 g/t Au cut-off over a minimum width of 2 metres and have been estimated in accordance with NI 43-101. **3** Mineral reserves at Sadiola have been estimated as of December 31, 2016 using an average $1,200/oz. gold price and mineral resources have been estimated as of December 31, 2016 using a $1,400/oz. gold price and have been estimated in accordance with JORC code. **4** Côté Gold, Boto, Pitangui and Diakha-Siribaya 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. **5** 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. **6** Measured and indicated gold resources are inclusive of proven and probable reserves.

ORGANIC GROWTH AT EXISTING MINES

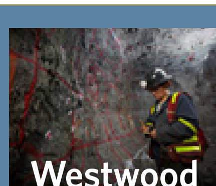


Secure additional sources of soft rock:

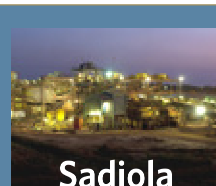
- Saramacca and Sarafina
- Saddle zones between existing pits



Continued success in incorporating soft rock from the Falagountou West deposit with potential to add ounces from Falagountou East.



Significant underground development underway with production expected to nearly double in 2017 and full ramp-up to 180,000-200,000 ounces by 2019.



Mining of sulphides could extend mine life by 10 years and add ~130,000 attributable ounces to IAMGOLD's yearly production profile.

WHOLLY OWNED GREENFIELD PROJECTS

Boto, Senegal

- Indicated resource of 1.6M oz in 27.7Mt at 1.8g/t Au and an inferred resource of 125,000 oz in 2.9Mt at 1.3g/t Au[1]
- Advancing technical and environmental studies
- Results from the 2016 diamond drill program at Malikoundi deposit indicate extension of mineralization along strike to the north and at depth beyond the current resource model and have confirmed wide zones of high grade mineralization in the footwall
  - Results include: 84 metres grading 4.12g/t Au, (including 22 metres grading 11.25g/t Au), 32 metres grading 5.19 g/t Au, 12 metres grading 6.39 g/t, and 22 metres grading 4.04 g/t Au
- Expect to incorporate 2016 drill results into a resource update for 2017.

Pitangui, Brazil

- Inferred resource estimate increased to 679,000 ounces at 5.0 g/t Au[2]
- Drilling confirms the presence of iron formations similar to those hosting the main São Sebastião deposit which could potentially host additional mineralizationtargets previously identified on property
- 2017 drill program focused on expanding current resource and testing a newly permitted area up plunge of the deposit.
- Technical and environmental studies to advance the economic evaluation of the project have commenced

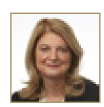
1 Updated Resource Estimate for Boto Gold, effective December 31, 2015 (see news release dated February 17, 2016).
Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 0.60 g/t Au. Mineral Resources are estimated using a gold price of US$1,500 per ounce . High grade assays are capped at 15 g/t Au to 30 g/t Au depending on geological area. Bulk density varies from 1.61 g/cm3 to 2.62 g/cm 3 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.

2 Updated Resource Estimate for Pitangui, effective Dec 31, 2015 (see news release dated February 17, 2016).
Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 3.0 g/t Au. Mineral Resources are estimated using a gold price of US$1,500 per ounce . High grade assays are capped at 10 g/t Au to 15 g/t Au depending on geological area. Bulk density, as determined from 2,570 measurements, varies from 3.06 g/cm3 to 3.24 g/cm 3 based on geologic area. 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.

IAMGOLD Executive Management

Stephen Letwin
President and
Chief Executive Officer

Gordon Stothart
Executive Vice President
& Chief Operating Officer



Carol Banducci
Executive Vice President
& Chief Financial Officer

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