



IAMGOLD[®]
CORPORATION



Denver Gold Forum

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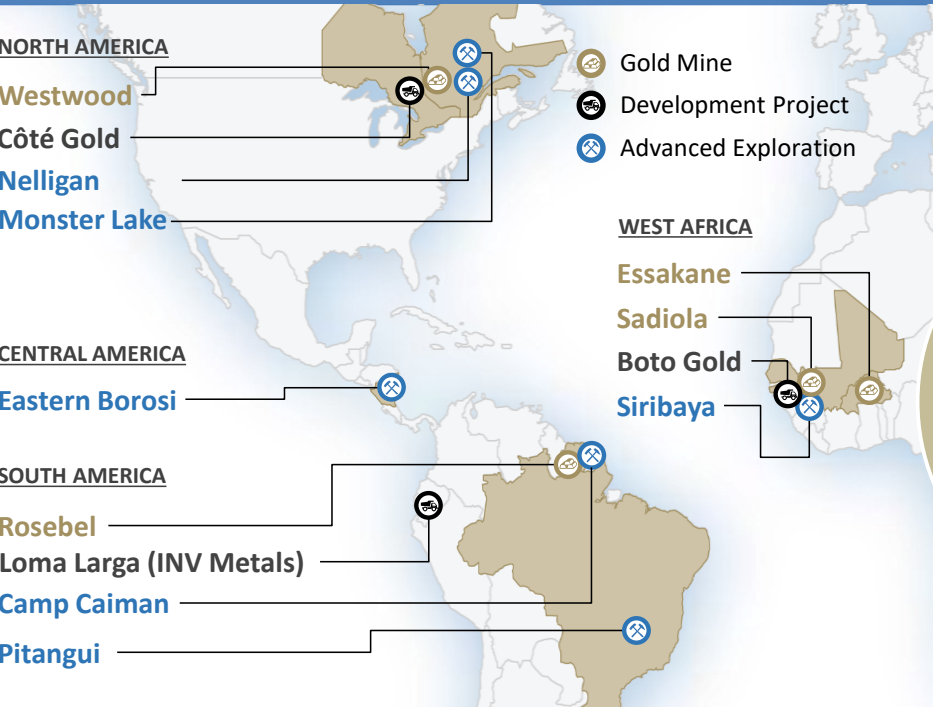
Exploration Target Potential: The potential quantity and grade of the exploration targets referred to are conceptual in nature and insufficient exploration work has been completed to define a mineral resource. The property will require significant future exploration to advance to a resource stage and there can be no certainty that the exploration target will result in a mineral resource being delineated. The exploration targets are consistent with similar deposits in the area, deposit models or derived from initial drilling results.

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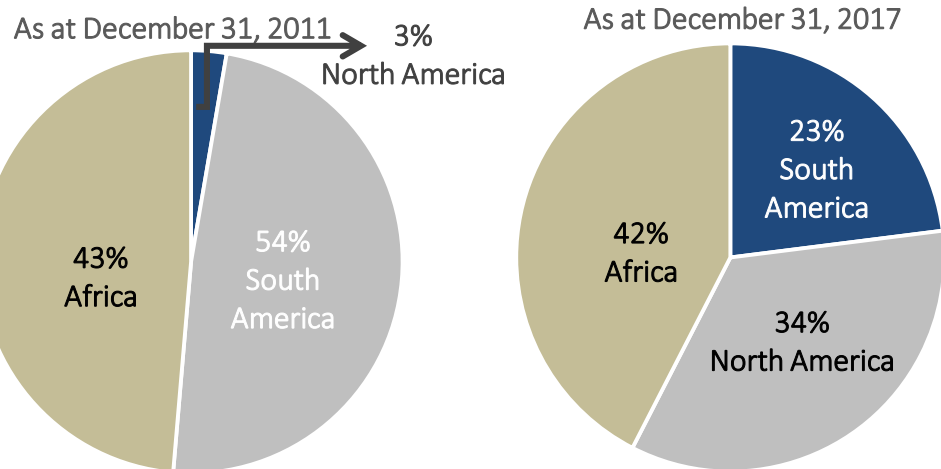
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All amounts in this presentation are expressed in U.S. dollars except as otherwise noted.

Geographically Balanced Over 3 Continents



IAMGOLD Attributable Measured and Indicated Resources

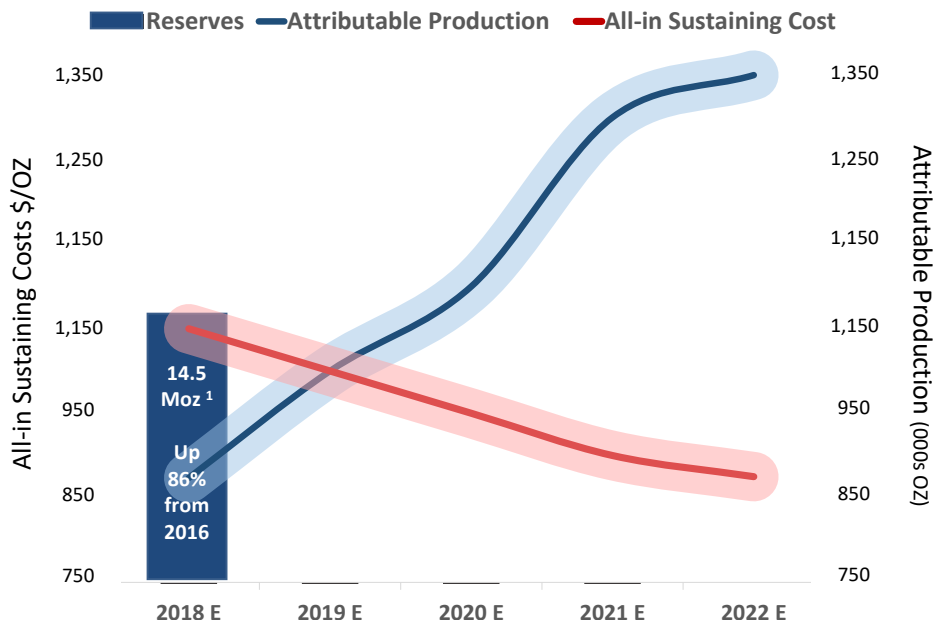


<p>MID-TIER GOLD PRODUCER</p> <ul style="list-style-type: none"> Produced 882,000 attributable ounces in 2017 2018 guidance of 850,000 oz to 900,000 oz 	<p>14.5M OZ IN RESERVES</p> <ul style="list-style-type: none"> Reserves up 86% in 2017 24.7M oz M&I Resources (incl. reserves) <p>* As at December 31, 2017</p>	<p>GEOGRAPHICALLY DIVERSIFIED</p> <ul style="list-style-type: none"> 4 operating mines on 3 continents 	<p>GROWTH STRATEGY</p> <ul style="list-style-type: none"> Rosebel Consolidation: Saramacca, Sarafina, Brokolonko Essakane Heap Leaching, satellites Westwood ramp-up Advancing Côte Gold and Boto Gold Project Advancing Greenfield Exploration 	<p>STRONG BALANCE SHEET</p> <ul style="list-style-type: none"> >\$1.0 billion in liquidity \$776M in cash and money market instruments as at June 30, 2018
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* IAMGOLD has a 36% interest in INV Metals Loma Larga Project in Ecuador.

2018 – Abundance of Catalysts

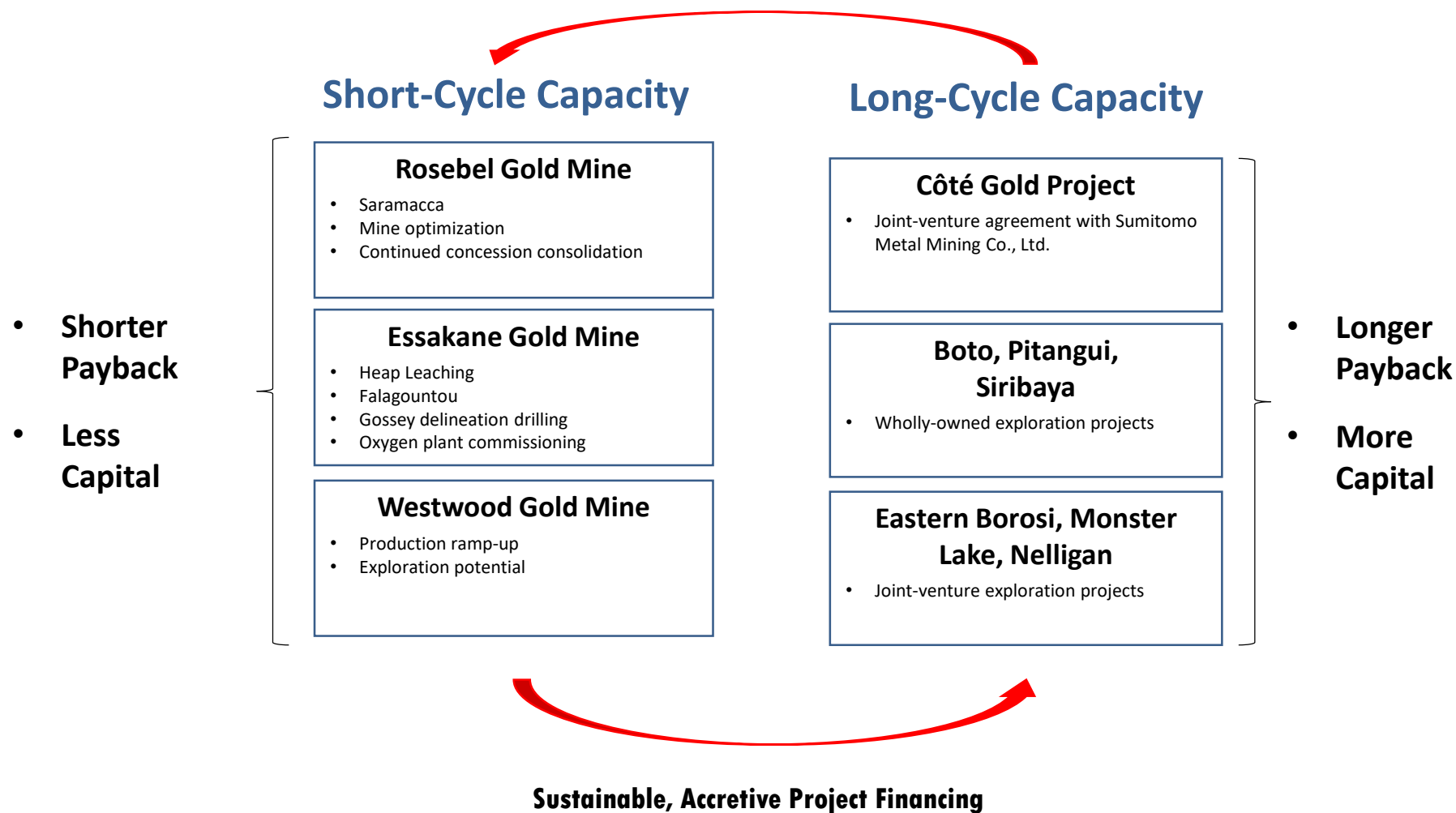
2018				2019	2020	2021
Q1	Q2	Q3	Q4			
Saramacca Gold District Consolidation ✓	Essakane Heap Leach Pre-feasibility Study ✓	Saramacca Reserve declaration ✓	Essakane Oxygen plant Commissioning	Saramacca production	Essakane HL production	Côté production
Boto Pre-feasibility Study ✓		Boto Feasibility Study	Gossey initial Resource	Côté Investment Decision	Westwood ramp-up	
Monster Lake initial Resource ✓			Siribaya updated Resource	Essakane Heap Leach Feasibility Study		
Eastern Borosi initial Resource ✓			Côté Feasibility Study	Boto decision		
Pitangui updated Resource ✓						
Falagountou East production ✓						
Solar Plant commissioning ✓						



Well positioned to achieve 1.2M to 1.3Moz by 2022 at AISC below \$850/oz through organic growth

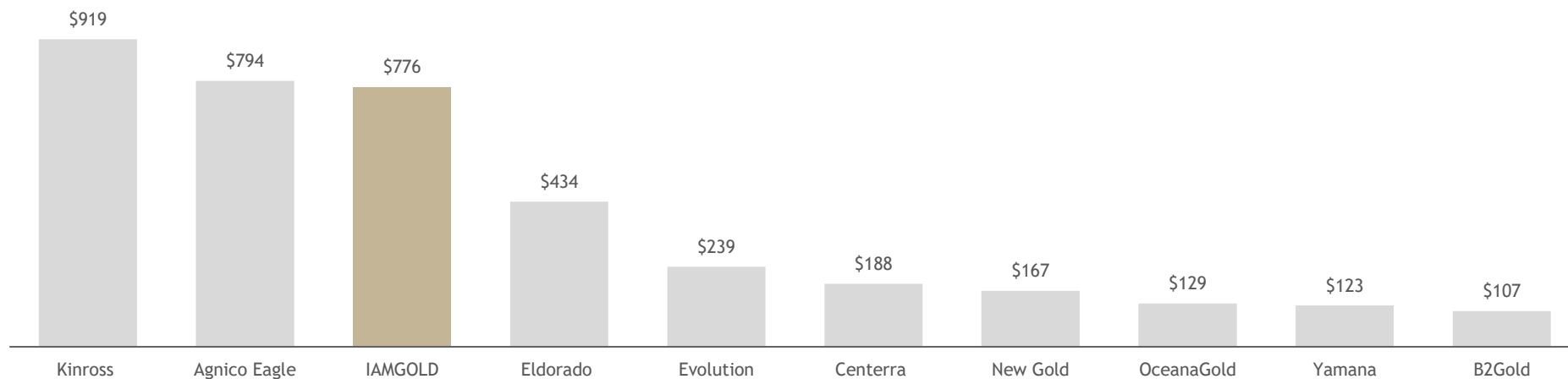
1 Reserves as at December 31, 2017

Value Creation Through Solid Growth Strategy

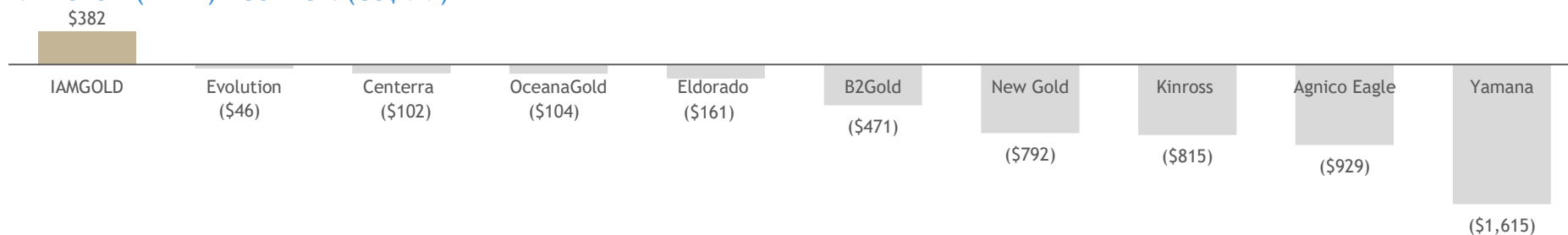


Industry Leading Balance Sheet

CASH & CASH EQUIVALENTS POSITION (US\$MM)

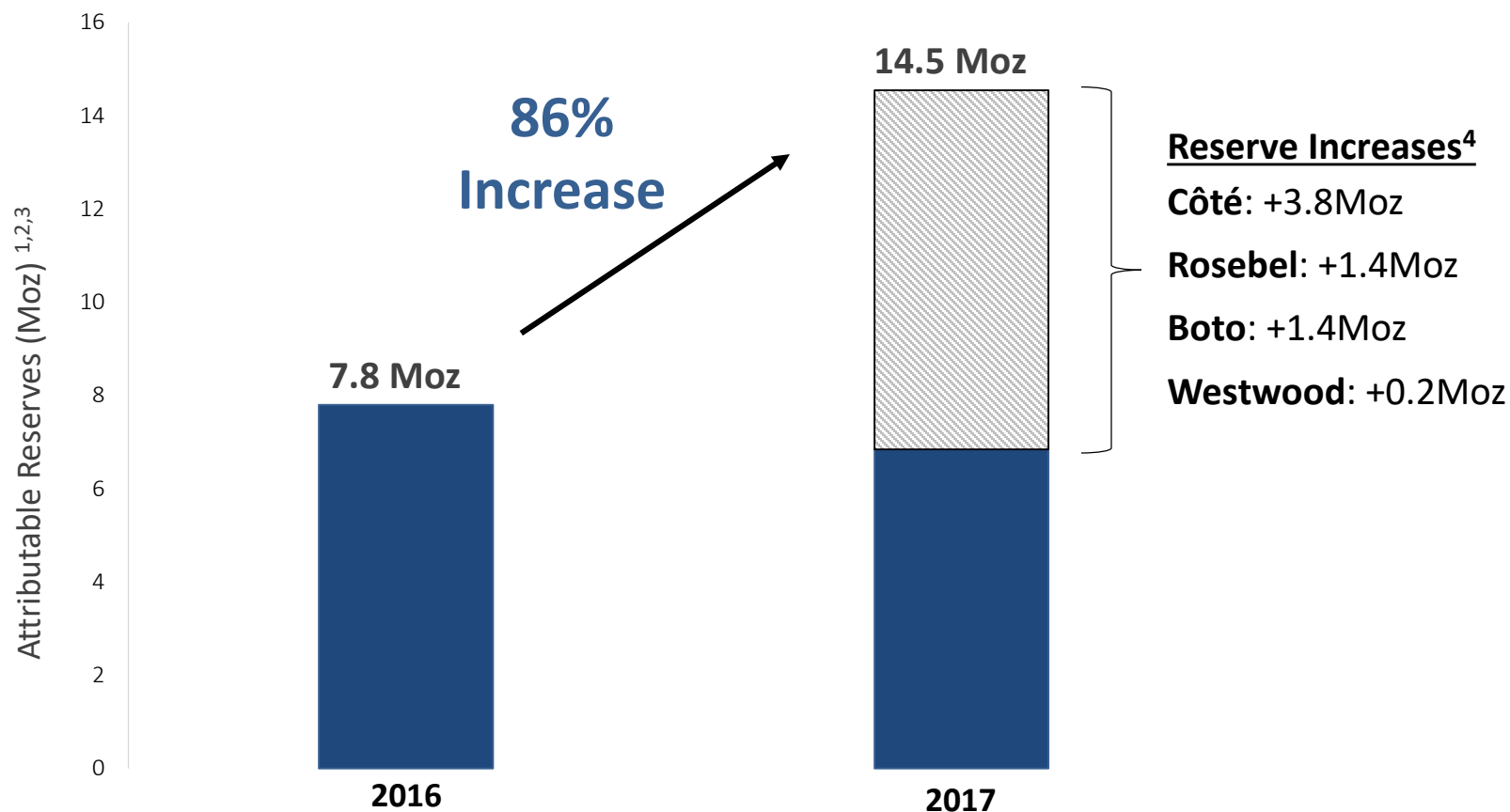


NET CASH (DEBT) POSITION (US\$MM)



- Cash and Cash Equivalents based on recent reporting period.
- IAMGOLD reflects June 30, 2018 balance. Cash and Cash Equivalents includes \$119.5 million short-term investments and excludes restricted cash of \$28.6 million. Expect to receive the remaining \$95 Million consideration from Sumitomo in Q4'18.

Structured for Long-Term Growth



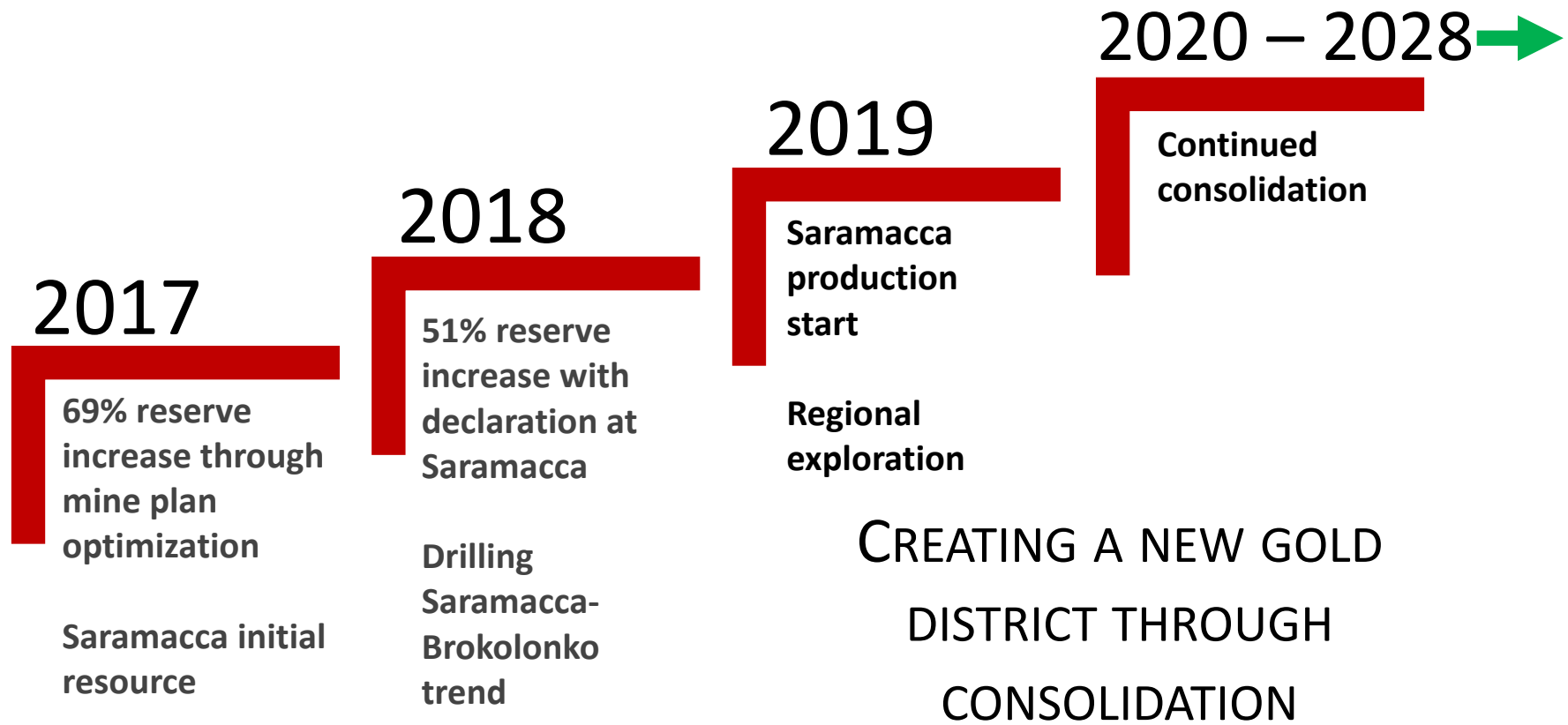
* Reserve numbers included on this slide have been rounded

1 Mineral reserves have been estimated at December 31, 2017 using a gold price of \$1,200 per ounce for Essakane, Rosebel, Westwood, Sadiola, Côté Gold Project and Boto Gold Project

2 Mineral reserves have been estimated at December 31, 2016 using a gold price of \$1,200 per ounce for Essakane, Rosebel and Westwood, and \$1,100 per ounce for Sadiola

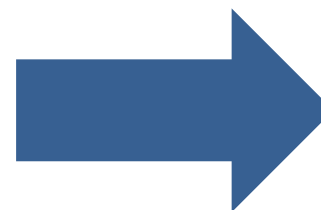
3 Refer to IAMGOLD News Release dated February 12, 2018

4 Net of 2017 depletion



51% Increase in Total Reserves

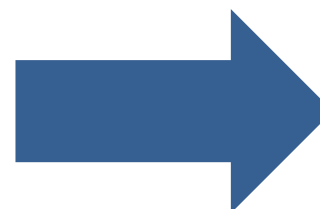
- 1.6Moz increase in reserves to 4.7Moz¹ when compared to December 31, 2017, including 1.0Moz declared at the Saramacca Deposit
- Potential for further increase with Saddle Zones



Extends LOM to 2033,
including Saramacca

Strong Resource Profile

- Increase of 0.1Moz to 9.3Moz¹, including Saramacca of 1.9Moz, when compared to December 31, 2017
- 72% increase in Measured & Indicated Resources at Saramacca to 1.2Moz
- Expect to complete permitting by end of 2018; initial production 2019



Exploration of
Saramacca along
trend

Consolidating Prospective Land Packages

- UJV agreement with Republic of Suriname
- Securing prospective properties within a 45 km radius of Rosebel mill
- Sarafina property acquired March 2014
- Saramacca property acquired August 2016
- Exploration rights for Brokolonko secured in January 2018

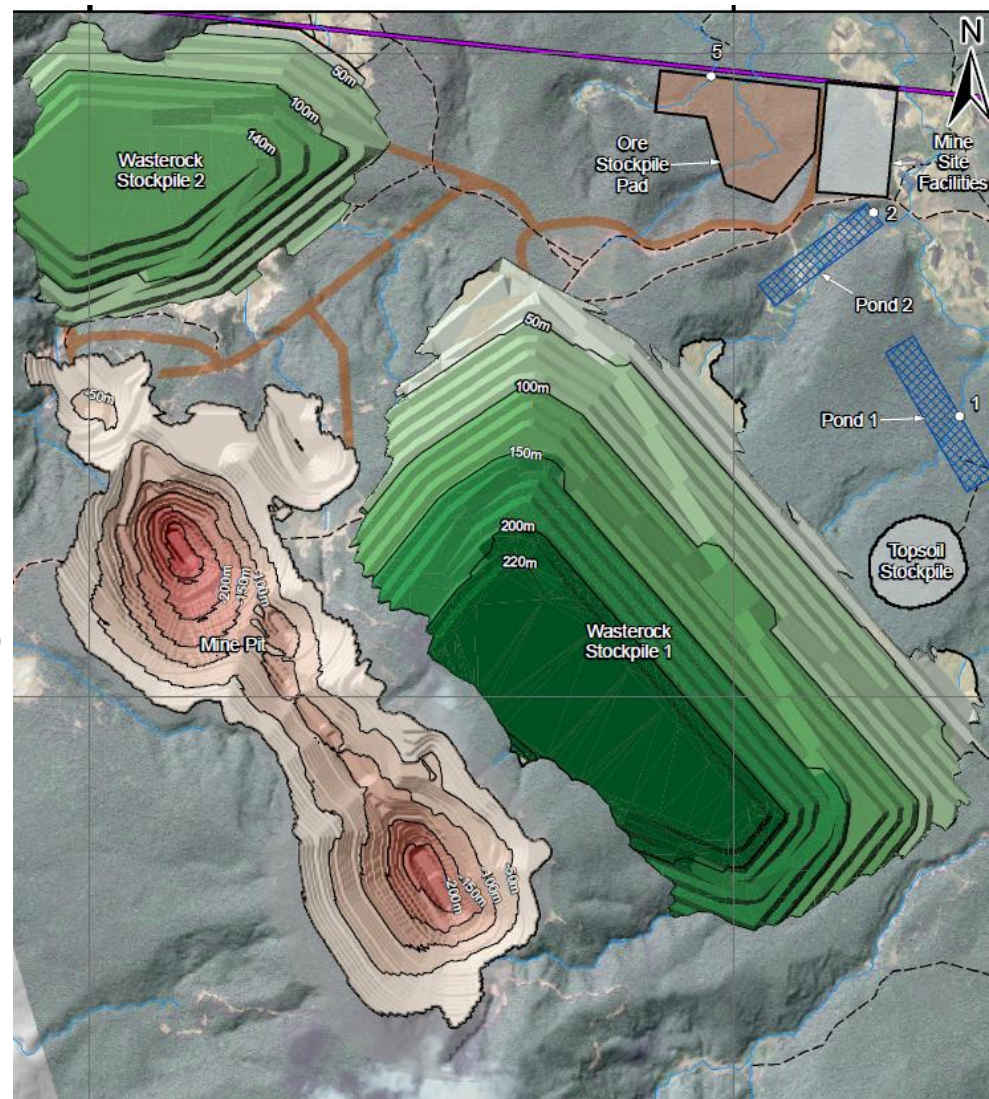


Brokolonko on same
mineralization trend as
Saramacca

2018 Production Guidance 295,000 oz to 310,000 oz

Rosebel's Strengthened Profile

- Total Reserves increase of 51% to 4.7Moz, including 1.0Moz from Saramacca
- Extend LOM by 5 years to 2033
- Peak Mining Capacity of 105.0Mtpa, including 30.0Mtpa from Saramacca
- 15 year mine life expected with mill throughput of 10.9Mtpa, including 1.9Mtpa from Saramacca
- Average annual production increased by 11% to 337,000 ounces, including 98,000 from Saramacca, on a 100% basis
- Peak annual production of approximately 415,000 ounces on a 100% basis
- Estimated Saramacca Project Execution Capex of approximately \$128M \pm 15%

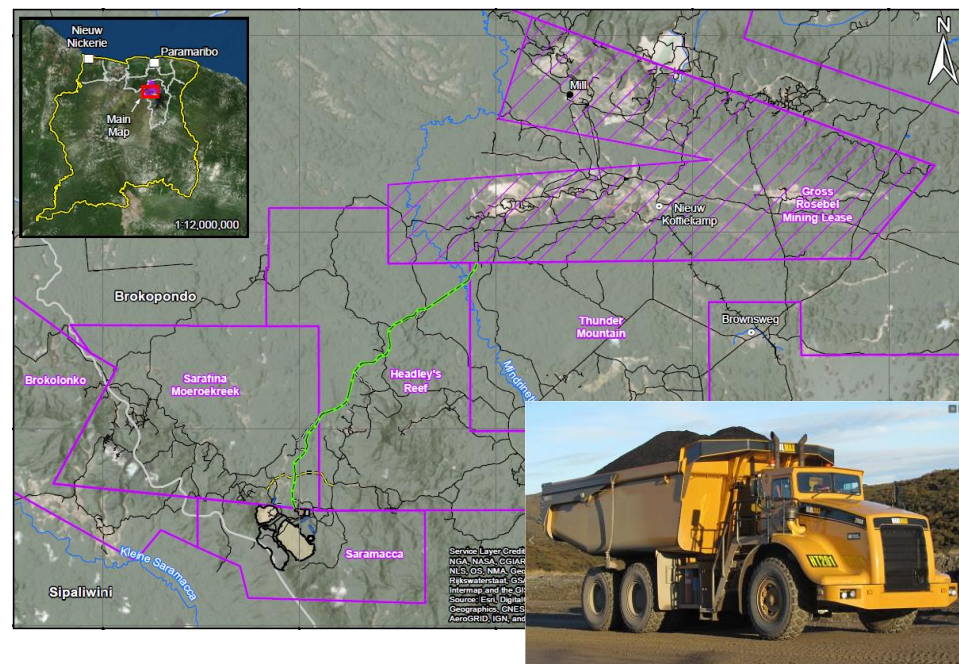


Saramacca production start expected H2'19

Saramacca Progressing Towards H2'19 Production

- Detailed engineering work related to infrastructure and production of the haul road nearly complete
- Completed long haul truck selection: 80t Haulmax 3900
- Haul road construction start expected October 2018
- ESIA submitted to the regulators on July 31, 2018
- Permitting expected to be completed in Q4'18
- Camp enlargement construction commenced in July 2018
- Ongoing focus on optimizing project economics
- Continuing exploration of Saramacca-Brokolonko trend

	Tonnes (000)	Grade (g/t)	Contained Ounces (000 Au)	Attributable ³ Contained Ounces (000 Au)
Proven & Probable Reserves ¹	26,549	1.8	1,542	1,025
Measured & Indicated ^{1,2}	27,938	2.0	1,763	1,172
Inferred ¹	11,824	0.7	273	182

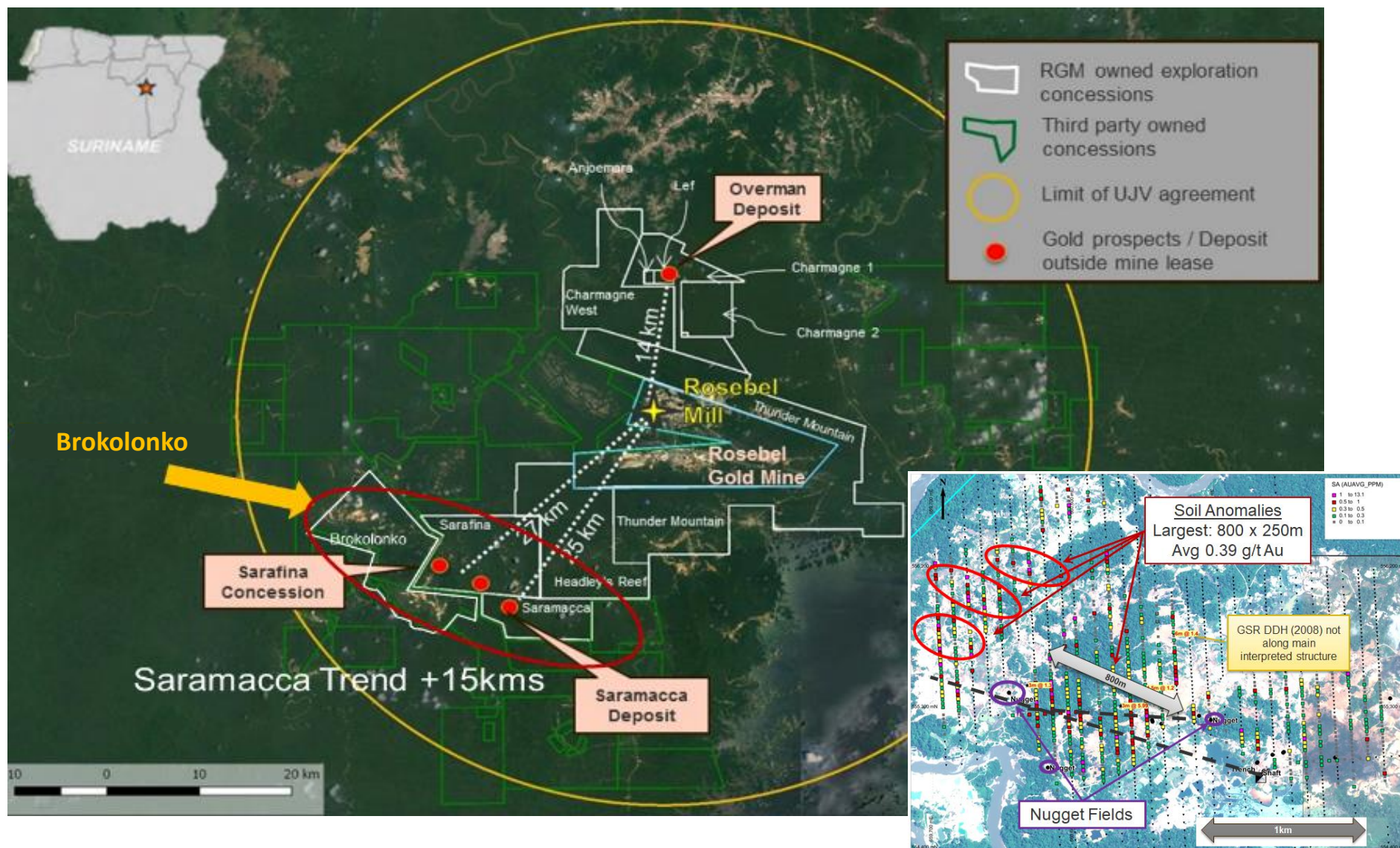


¹ See IAMGOLD News Release dated September 23, 2018

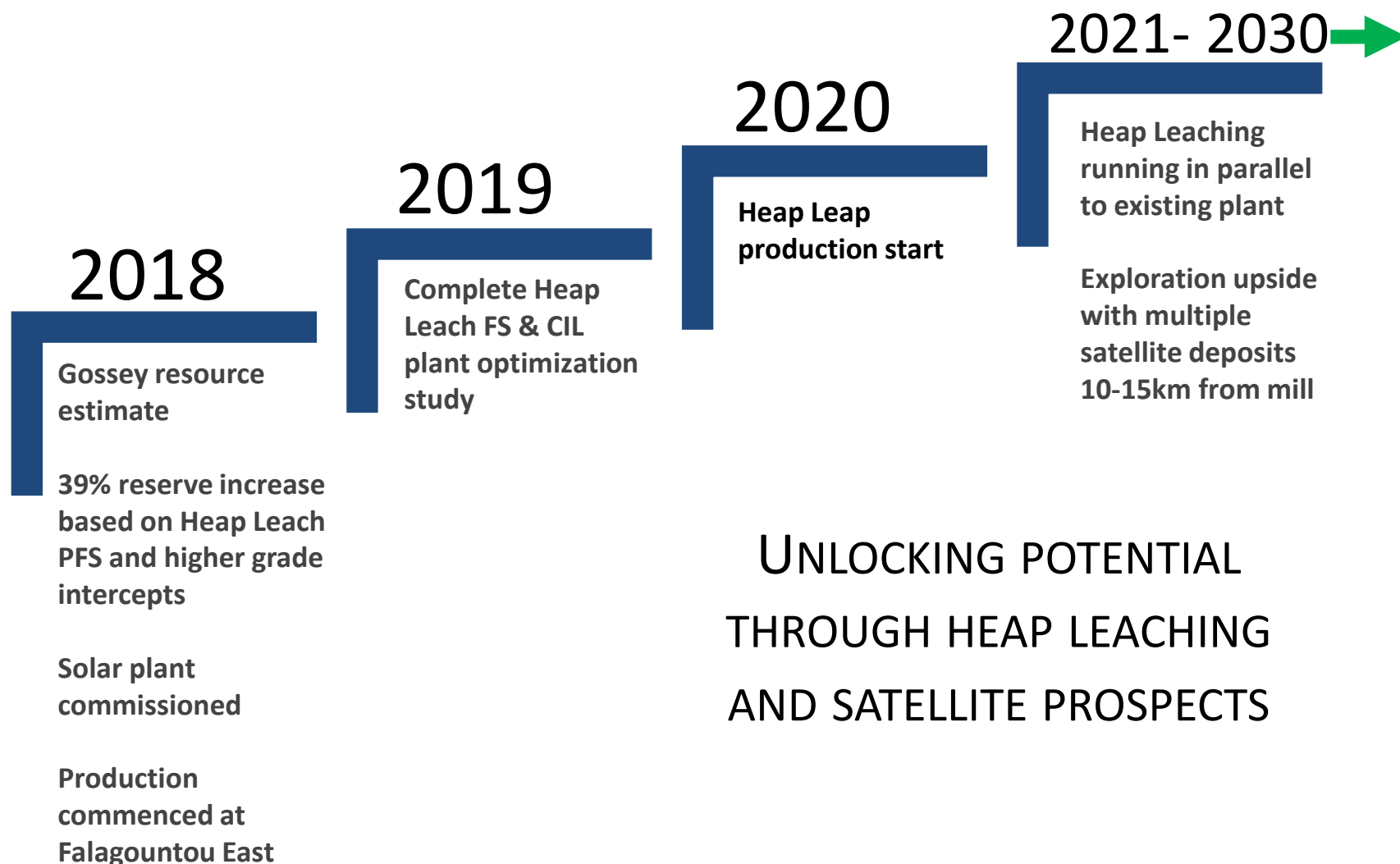
² Inclusive of Reserves

³ Attributable ounces at 66.5%

Rosebel – Consolidated Prospective Land Packages

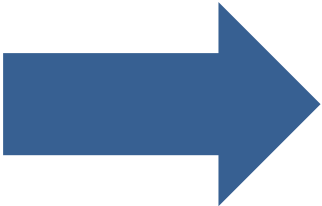


Essakane's Path to Sustaining Growth



Heap Leaching¹

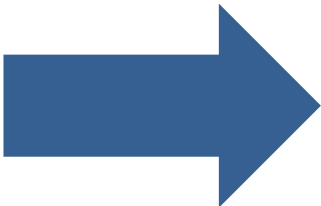
- 39% increase in reserves based on PFS and higher grade intercepts
- Mine life extended to 2026, three years from previously disclosed plan
- Average annual production of 480koz at AISC of \$946/oz, with peak annual production of over 500koz



Extend mine life to 2026
with average annual
production of 480koz

Falagountou Deposit

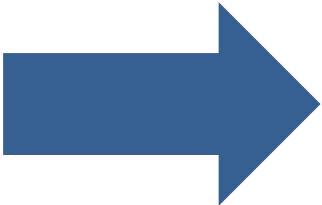
- Western portion increased Essakane’s indicated resource by 14% or 600koz
- Eastern portion has potential to increase resources with lower-cost, high-grade saprolite ore
- Drilling continues to expand limits of ore body



Production at Fala East
commenced Q1’18

Satellite Prospects

- Ongoing exploration on highly prospective land package with >1,200 sq. km
- Delineation drilling completed at Gossey. Targeting resource estimate Q4’18
- Drilling and assessing results at Korezena, Tassiri and Sokadie



Four satellite prospects
within 10 km to 15 km
of Essakane mill

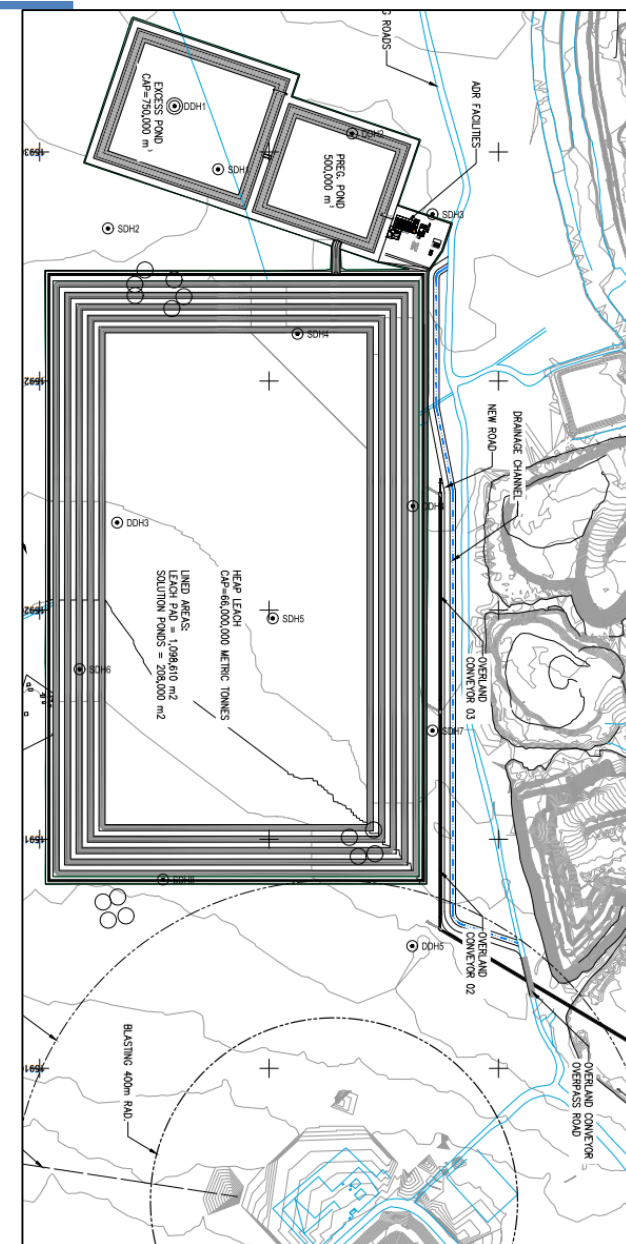
2018 Production Guidance 380,000 oz to 395,000 oz

¹ See IAMGOLD News Release dated June 5, 2018

Heap Leach FS with CIL Optimization Ongoing

- Positive PFS results following successful infill program with higher grades than anticipated in several areas
- Probable Reserves increase of 39% to 4.7Moz, before depletion
- Extend LOM by 3 years (2026)
- 8.5 year mine life expected with 12Mtpa CIL throughput and 10Mtpa HL throughput
- Average annual production increased by 16% to 480,000 ounces
- Peak annual production exceeding 500,000 ounces
- Unlock additional CIL ore that would otherwise be inaccessible
- Consolidated LOM cash costs of \$707/oz and AISC of \$946/oz (CIL+HL)
- Estimated Capex, excluding fleet, of \$155M
- Feasibility study evaluating additional development alternatives (e.g. gravity circuit upgrade and increased grinding capacity)

Expected completion of Feasibility Study Q1'19
Production expected start of 2020





Commissioned in Q1'18

- 15MWp solar plant + 57MW thermal plant
- Approximately 130,000 photovoltaic panels
- Decreases fuel consumption by ~6 million litres per year
- Reduces annual CO₂ emissions by 18,500 tons

Essakane – Regional Exploration Targets

Brownfield Success

- ~1 Moz of resources delineated at Falagountou West and East, 8 kilometres east of Essakane
- During Q2'18, completed nearly 24km RC and diamond drilling on the mine lease and surrounding concessions, inclusive of infill drilling to support the HL PFS

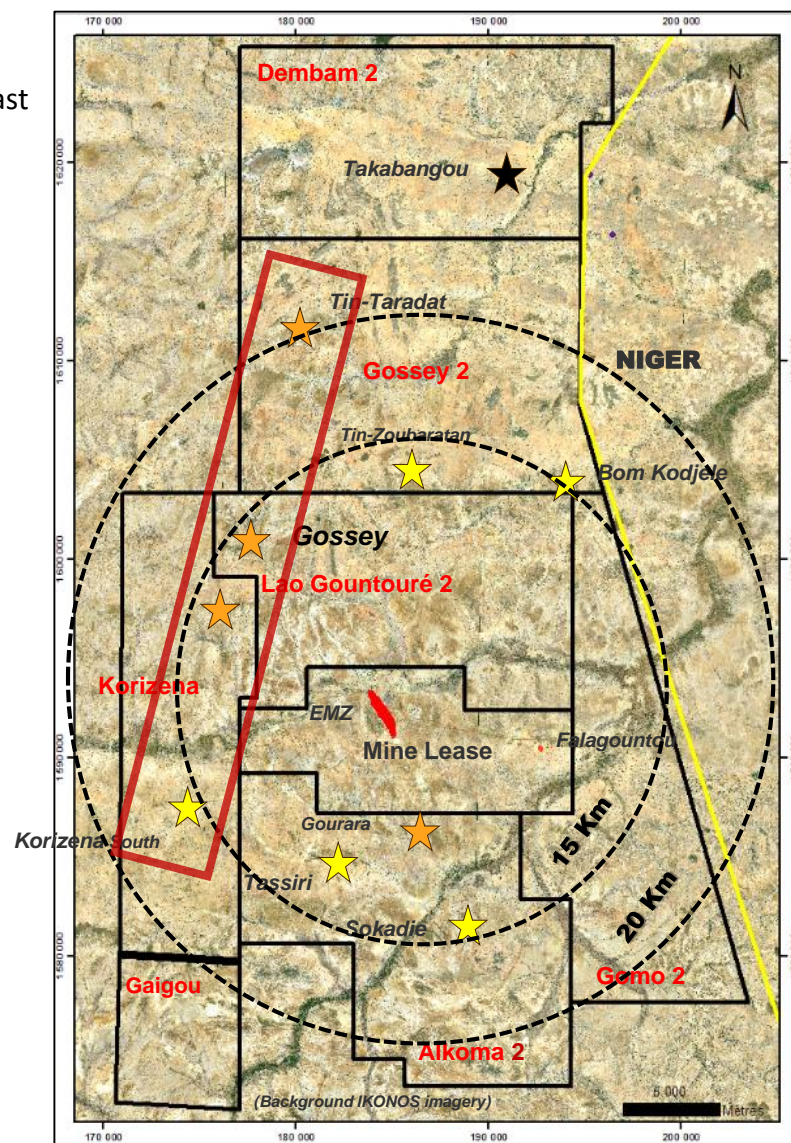
Gossey Delineation Drilling Program

- Program completed, confirm saprolite up to a depth of 50m
- Targeting initial resource estimate Q4'18
- Exploration Target Potential*: 400 to 600koz @ 0.8 to 1.2 g/t Au

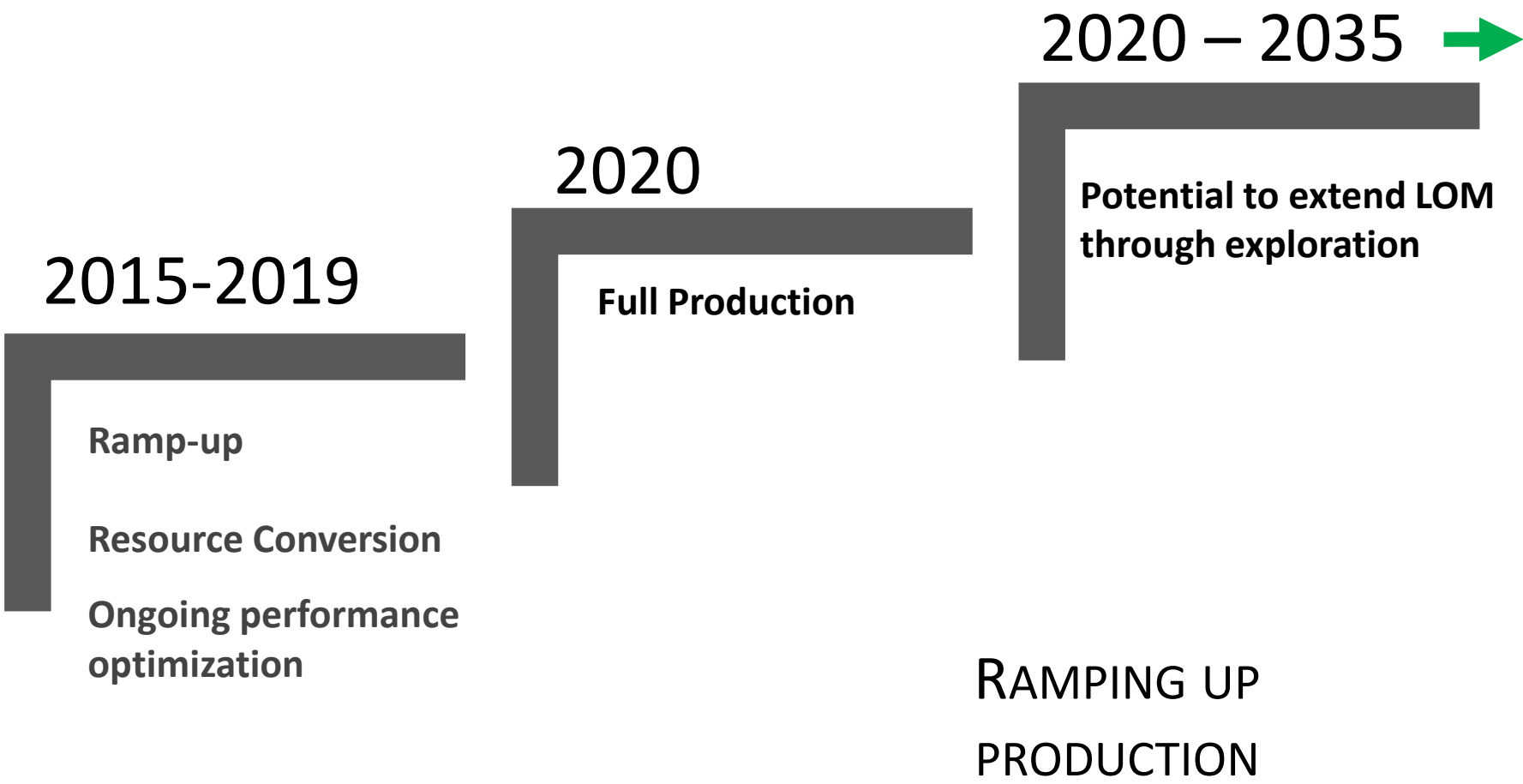
2018 Exploration Program

- Gossey-Korizena trend +20 km, anomaly adjacent to Markoye shear
 - Numerous artisanal sites
 - Encouraging RC drill results
- Continued exploration along trend of other regional targets:
 - Tin Taradat
 - Gourara
 - Tassiri
 - Sokadie

**Objective to extend Essakane mine
life beyond 2030**



>1,200km² of concessions



Ramping Up Continues

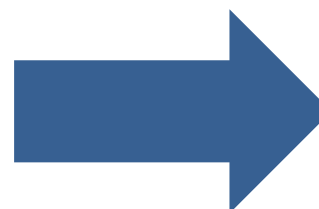
- Production expected to be between 125,000 and 135,000 oz in 2018 with production planned from two of the six designed mining blocks
- Development of 180-West level – beginning block 3 production early 2019
- Developing 132-Ramp #3, a high grade domain for 2019 production
- Unit costs decline as production increases



Ramping up to full production by 2020; mine life to 2033

Underground Development is on Target

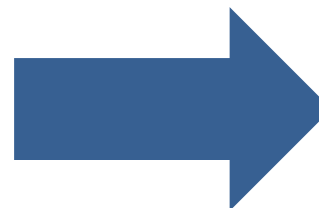
- Since the start of 2016, the mine has completed ~50km of underground development
- While delivering on 2018 production and cost targets, the mine plans to achieve 11.5km of underground development



Geotechnical Mgmt. Plan Implemented; Regulators approved reopening of mining block affected by 2015 seismic event

Substantial Resource Conversion Continues

- Continued positive ounce reconciliation
- Significant resource potential in existing mining blocks, at depth and to the west
- >100 km drilling planned for 2018



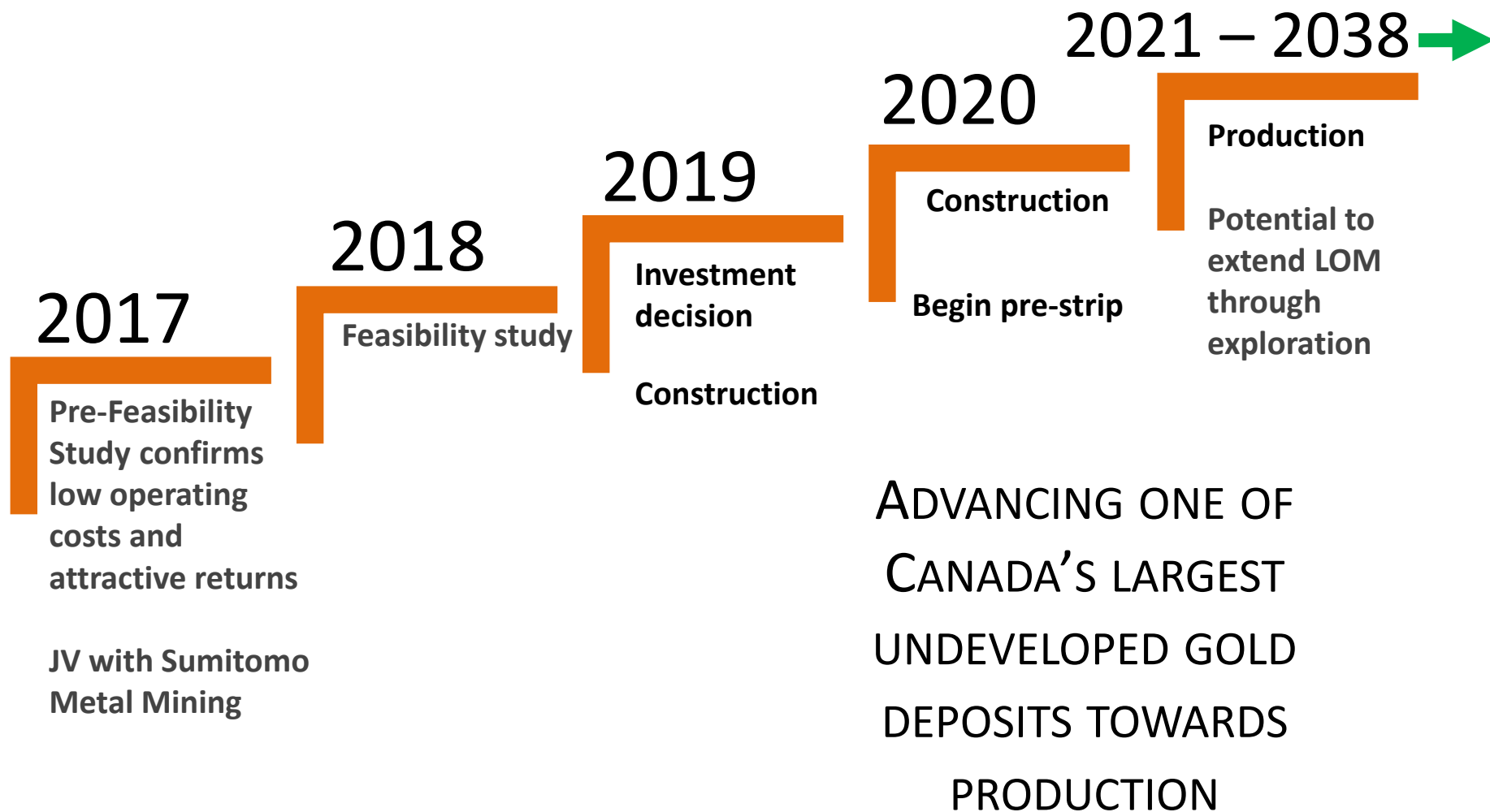
Reserves increased by 12% year-over-year to 1.18M oz

2018 Production Guidance 125,000 oz to 135,000 oz



Development Pipeline

Côte Gold Development Project



Joint Venture with Sumitomo Metal Mining³

- 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

Pre-Feasibility Results Demonstrate Economically Viable Project⁴

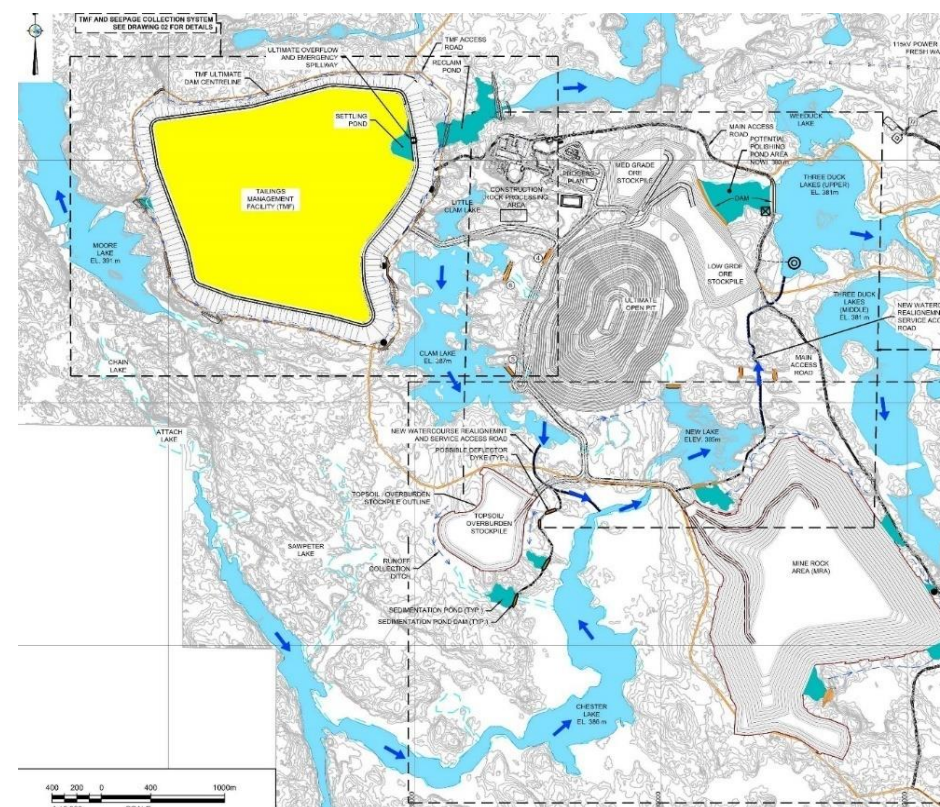
- LOM average annual attributable production 207,000 oz
- 17 year mine life
- LOM average cash costs \$605/oz; AISC \$689/oz
- After-tax NAV@5% \$703M, 14% IRR, 4.5 year payback
- Initial CAPEX \$1,047M (100% basis)
- Sustaining capital \$418M (100% basis)

Feasibility Study expected to be completed H1'19

- Mill throughput increase of 10% to 36ktpd vs. PFS
- Base Case automated truck haulage and production drilling
- Various savings and/or capital deferment initiatives

**Targeting commercial
production H1'21**

Attributable 64.75%	Tonnes (000)	Grade (g/t)	Contained Ounces (000 Au)
Probable Reserves ¹	126,961	0.9	3,837
Measured & Indicated ^{1,2}	182,058	0.9	5,204
Inferred ¹	49,515	0.5	797



¹ See IAMGOLD news release dated February 12, 2018

² Inclusive of reserves

³ Refer to IAMGOLD news release dated June 20, 2017

⁴ Refer to IAMGOLD news release dated June 5, 2017

Pre-feasibility Study Highlights

- Mine life of 13.5 years with mill throughput of 2.0Mtpa
- LOM average annual production of nearly 100,000 oz with higher production in early years
- LOM direct cash costs of \$707/oz and AISC of \$829/oz
- After-tax IRR of 13.3% (@\$1,275/oz) and NPV@6% of \$104M
- Initial CAPEX of \$249M

Feasibility Study expected to be completed H2'18

- Contemplates 2.5Mtpa compared to 2.0Mtpa PFS
- Updated Reserves and Resources based on new drilling
- Optimization of TSF staging and design

	Tonnes (000)	Grade (g/t)	Contained Ounces (000 Au)
Probable Reserves ¹	26,841	1.64	1,415
Measured & Indicated ^{1,2}	37,408	1.60	1,922
Inferred ¹	10,981	1.66	594



Possible investment decision 2019

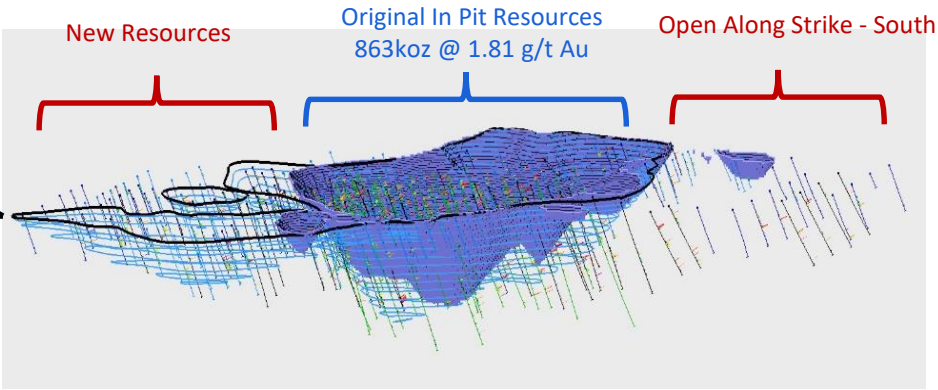
¹ See IAMGOLD news release dated February 12, 2018

² Inclusive of reserves

Highlights:

- Located approximately 10km south along strike from the Boto Gold Project in Senegal
- >14km RC and diamond drilling completed H1'18. Results pending.
- 2017 drill results highlights include:
 - 6.79 g/t Au over 26.0m, including 20.52 g/t Au over 8.0m
 - 11.06 g/t Au over 18.0m, including 32.45 g/t Au over 6.0m
 - 12.66 g/t Au over 19.0m
- Targeting extension of mineralization north and south of current resource pit shell
- Exploration Target Potential*: 1.0 to 2.0Moz @ 1.5 to 2.0 g/t Au

Effective Dec 31, 2017 (Diakha & Zone 1B) RPA	Tonnes (000)	Grade (g/t)	Contained ounces (000 Au)
Measured & Indicated ¹	2,102	1.9	129
Inferred ¹	19,816	1.7	1,092



1 See IAMGOLD news release dated February 12, 2018
* Refer to Exploration Target Potential cautionary language on slide 1

Highlights:

- Banded iron formation hosted deposit
- 25kms from Jaguar's Turmalina mill
- Completed >4.9km of diamond drilling to expand São Sebastião deposit in Q2'18
- Focused on extending mineralization beyond current resource model
- Continuing to test priority targets associated with favourable iron formations

	Tonnes (000)	Grade (g/t)	Contained Ounces (000 Au)
Inferred ¹	5,365	4.7	819



Eastern Borosi

Nicaragua (50% JV interest)

Highlights:

- Announced Total Inferred Resources of 812,000 AuEq (4.4Mt @ 5.72g/t AuEq) consisting of:
 - Underground: 730koz AuEq (3.2Mt @ 7.05 g/t AuEq)
 - Open Pit: 82koz AuEq (1.2Mt @ 2.13 g/t AuEq)
- 4.0km of diamond drilling completed in Q2'18
- Drilling program focused on resource potential of Guapinol, Riscos de Oro and East Dome veins

100% Basis	Tonnes (000)	Grade AuEq (g/t)	Contained Ounces (000 AuEq)
Inferred ^{2,3}	4,418	5.7	812



¹ See IAMGOLD news release dated February 12, 2018

² See IAMGOLD news release dated April 3, 2018

³ Gold equivalent values were calculated using the formula: AuEq (g/t) = Au (g/t) + Ag (g/t) / (101.8)

Monster Lake

Quebec (50% JV Interest)

Ownership: 50:50 JV with TomaGold, with option to earn up to a 75% interest

- Highlights:**
- Announced results of 2018 winter drilling program²:
 - › 40.94 g/t Au over 5.3m
 - › 72.17 g/t Au over 2.6m
 - › 39.24 g/t Au over 3.8m
 - Continuing to better define and extend the 325-Megane Zone and evaluating newly discovered parallel zones
 - Exploration Target Potential*: 500koz to 1.0Moz @ 10.0 to 12.0 g/t Au hosted in high grade quartz veins

100% Basis	Tonnes (000)	Grade (g/t)	Contained Ounces (000 Au)
Inferred ¹	1,110	12.1	433



Nelligan

Quebec (51% JV Interest)

Ownership: Earn-in option with Vanstar Mining; IAMGOLD can earn up to an initial 80% interest

- Highlights:**
- Located 15 km south of Monster Lake
 - **New Discovery:** Large bulk tonnage, low grade deposit hosted within hydrothermally altered metasediments
 - Preliminary results of 2018 drilling program³:
 - › 1.81 g/t Au over 56.6m
 - › 2.59 g/t Au over 23.1m
 - › 1.18 g/t Au over 66.3m
 - Exploration Target Potential*: 1.0 to 2.0Moz @ 1.0 to 1.5 g/t Au

Drilling ongoing to support maiden resource estimate



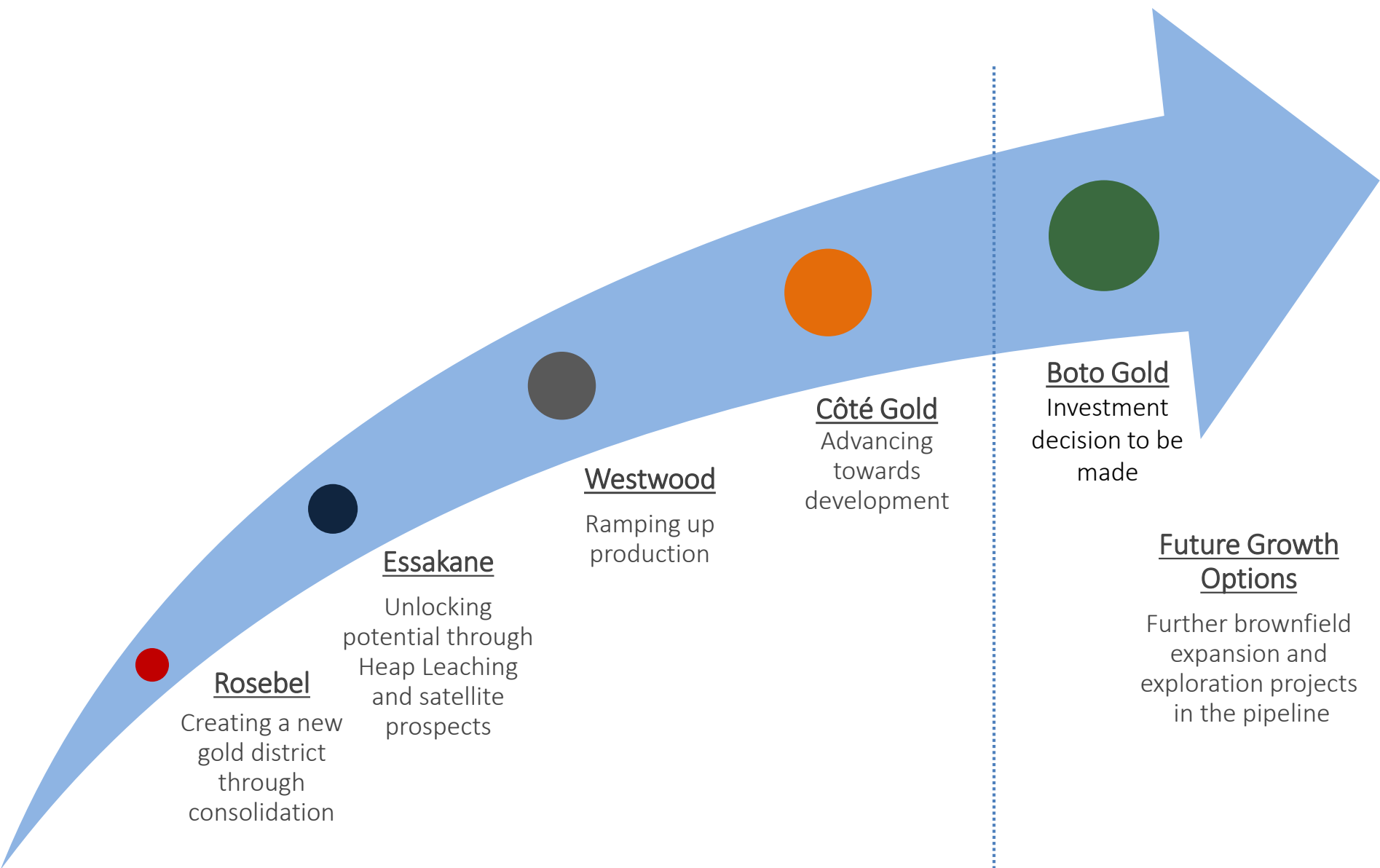
¹ See IAMGOLD news release dated February 12, 2018

² See IAMGOLD news release dated June 14, 2018

³ See IAMGOLD news release dated September 11, 2018

* Refer to Exploration Target Potential cautionary language on slide 1

Projects Support a Clear Growth Strategy





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