



IAMGOLD's Love Affair with Africa
Keys to Success

INDABA Evening, Toronto
October 25, 2018

Steve Letwin,
President and CEO
IAMGOLD Corporation

Empowering People, Extraordinary Performance

A Land of Opportunity

- 15% of the world's population
- 20% of global gold production
- 60% of the world's cobalt
- 60% of the world's arable land
- \$2.6 trillion GDP by 2020¹
- \$1.4 trillion consumer spending by 2020¹

Future economic
growth engine
of the world

¹<http://atigs2018.com/africa-projection-facts/>

AfricaRenewal

August - November 2018 www.un.org/africarenewal

FREE TRADE AREA A NEW DAWN FOR AFRICA

- Intra-Africa free trade could increase by >50% by 2020¹
- Record number of structural reforms in sub-saharan region in 2017
- Infrastructure projects: Hydro dam construction in Ethiopia and DRC
- Positive political developments - South Africa and Zimbabwe

¹ <http://www.corporate-africa.com/CA-News/?p=1296>

China Investing Billions in Africa



- China is Africa's largest trading partner¹
- \$100B invested by China by end of 2017²
- 25% of investments from China's state-owned enterprises are in mining³

AFRICA IN FOCUS

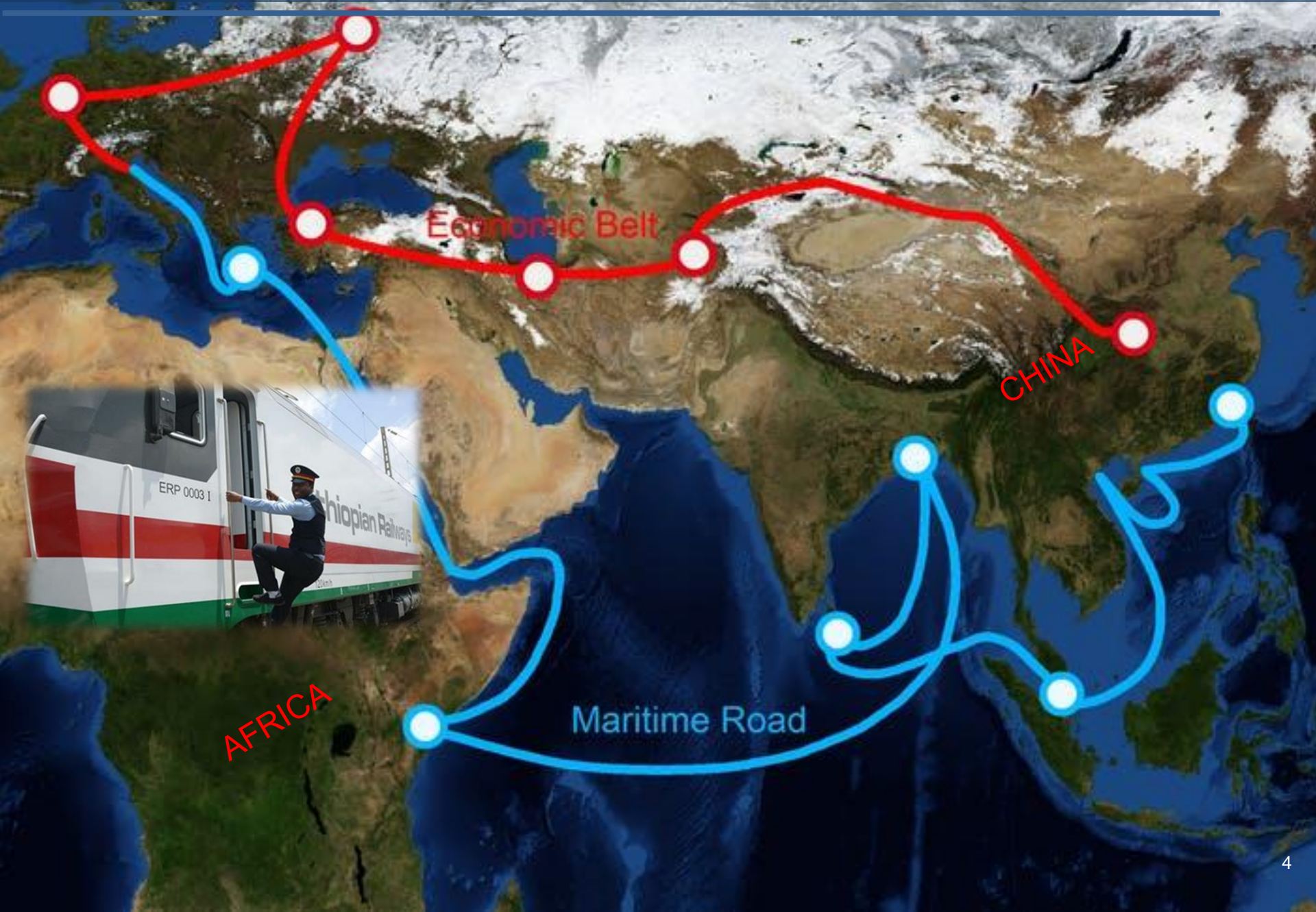
China's 2018 financial commitments to Africa: Adjustment and recalibration

Yun Sun · Wednesday, September 5, 2018

^{1,3} <https://www.caixinglobal.com/2018-09-03/opinion-private-chinese-companies-primed-for-success-in-africa-101321992.html>

² <http://www.globaltimes.cn/content/1118510.shtml>

China's "One Belt One Road" Initiative Gaining Momentum

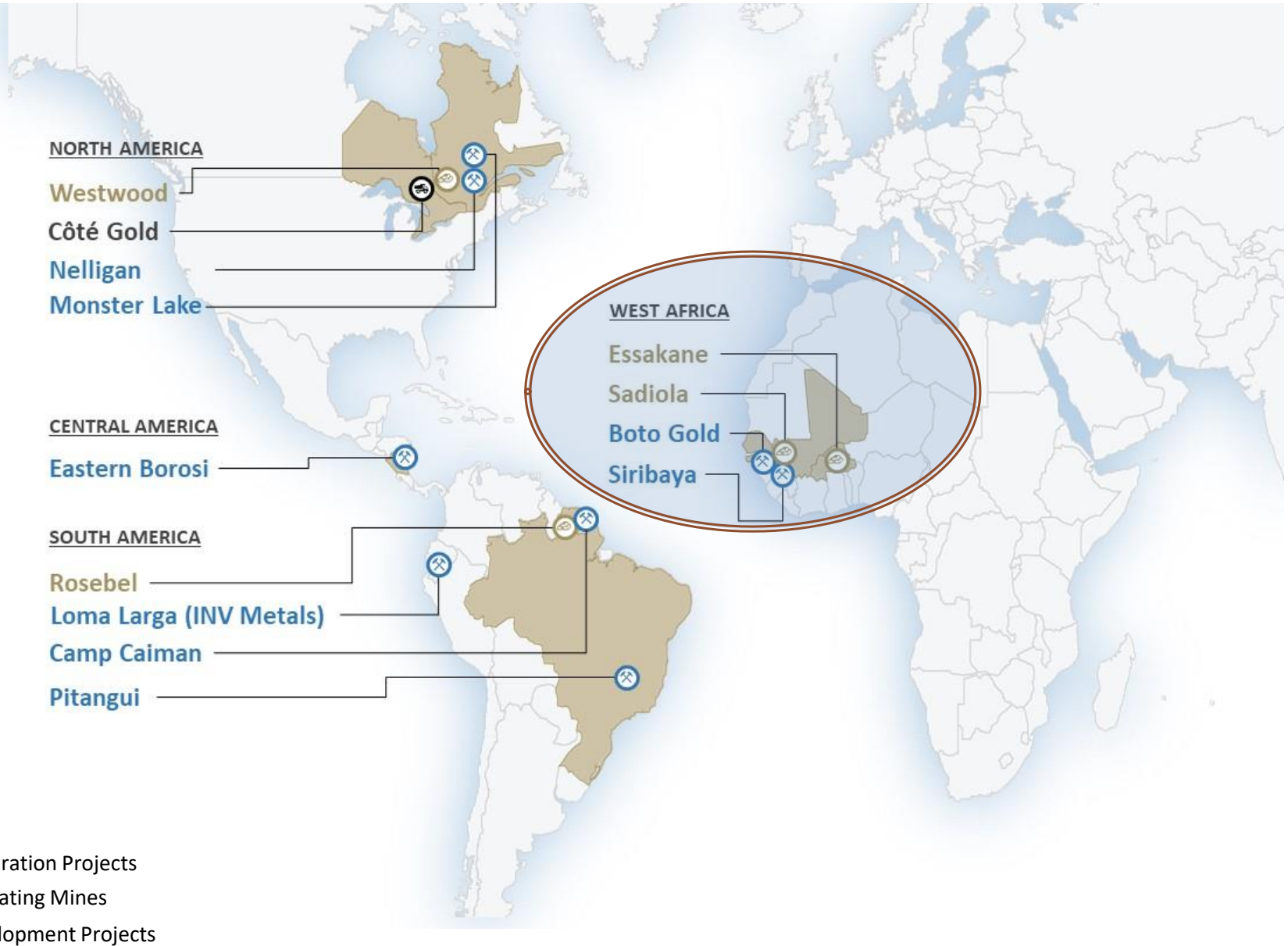


IAMGOLD Was Born in West Africa



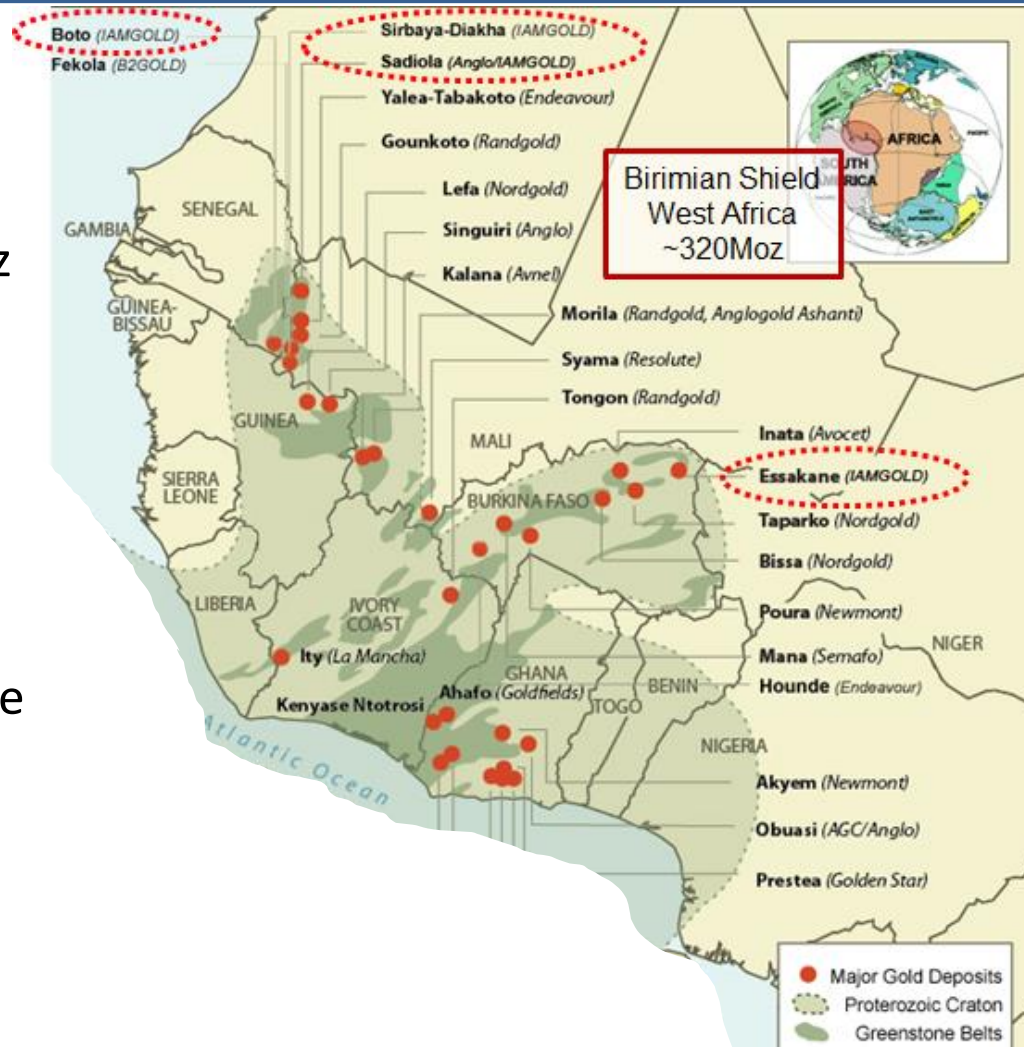
Mansa Musa: The Man Behind The Gold

West Africa Accounts for 50% of our Gold Production



West Africa's Gold Mining Hub

- 320M oz discovered in Birimian Shield, with >50M oz near Senegal-Mali border
- Burkina Faso's gold endowment ~60M oz., with gold exports accounting for 80% of country's income
- Gold accounted for 61% of the region's share of exploration spending in 2017, up from 51% in 2016



* Caution: compilation of past production and deposit resources to demonstrate geologic endowment, not NI 43-101 resource statements

IAMGOLD's West African Mines and Exploration Projects

SENEGAL



- Boto Gold Exploration Project

MALI

- Sadiola Mine
- Siribaya Exploration Project

BURKINA FASO



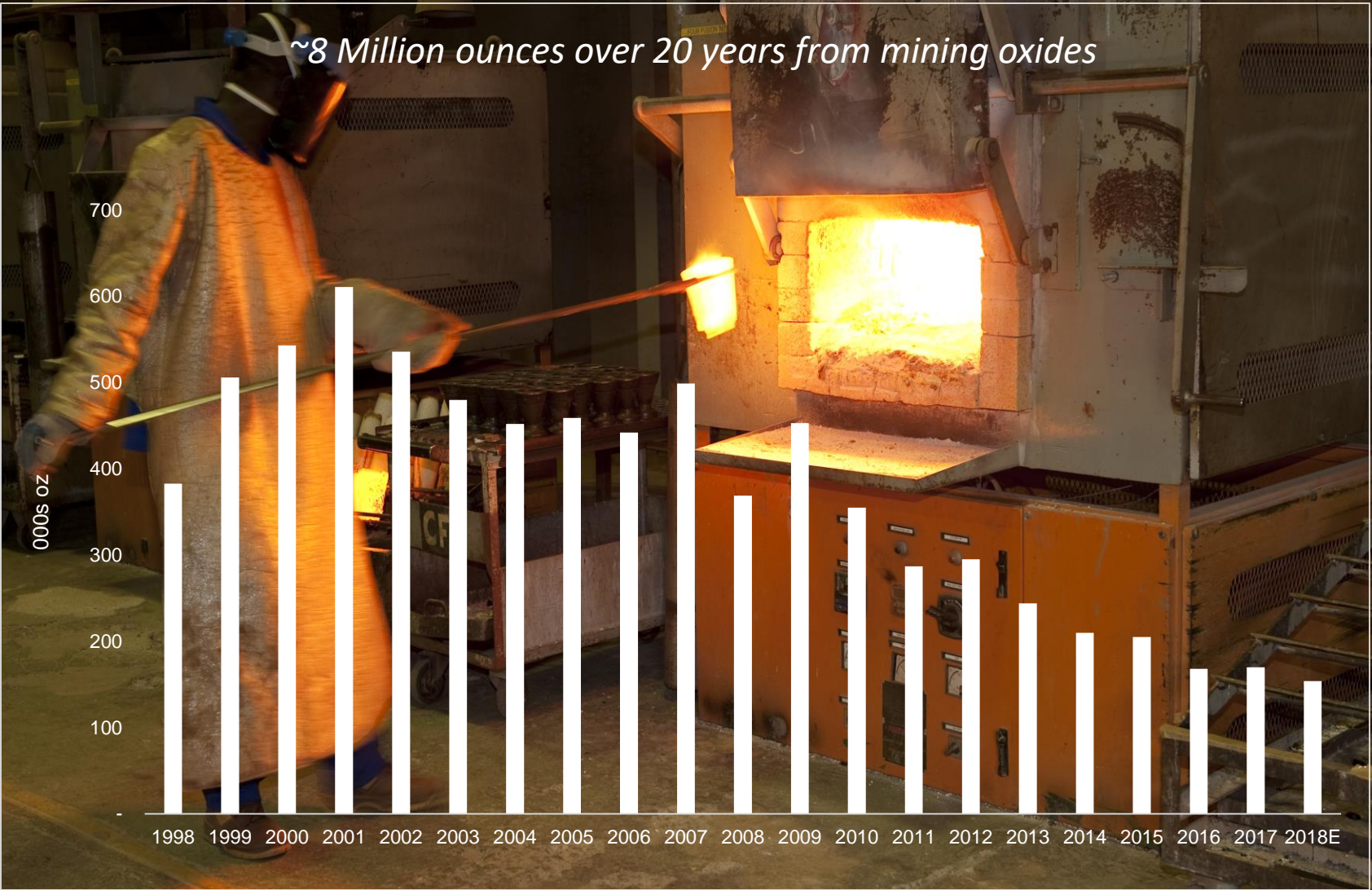
- Essakane Mine



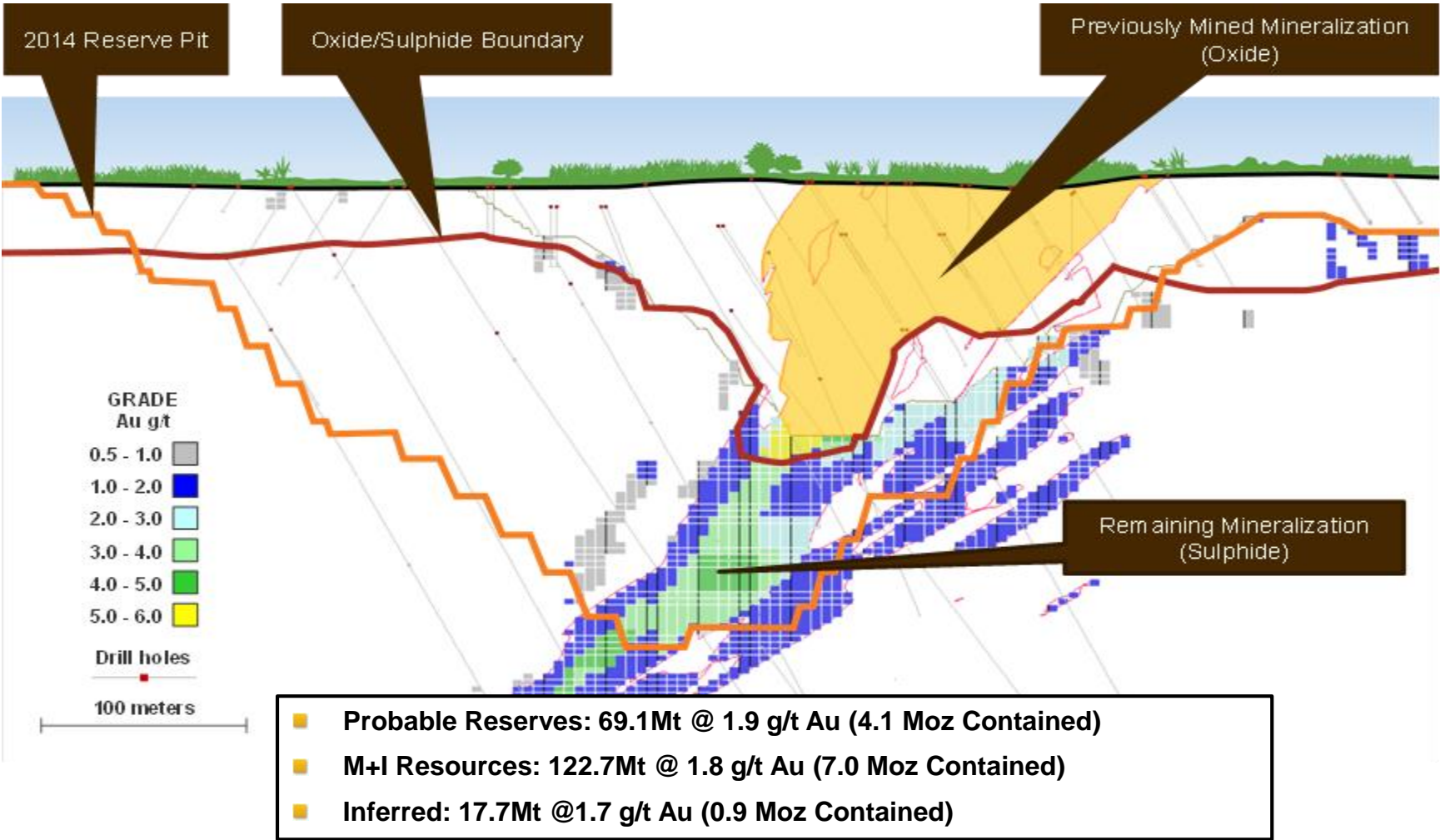
West Africa

Sadiola in Mali was our First Mine

~8 Million ounces over 20 years from mining oxides



Mining the Sulphides Would Add Another 10 Years



¹As at December 31, 2017
M&I includes Reserves

Essakane Gold Mine in Burkina Faso

- Large, bulk-tonnage open-pit mine
- Built by IAMGOLD
- Production started 2010
- Major expansion 2012 – 2013
- 3 million ounces of gold produced in 8 years
- More than 2,200 employees
- Largest private employer in the country
- Accounts for approximately 1/3 of Burkina's gold production

Targeting Mine Life Beyond 2030

HEAP LEACH PROJECT

- Pre-feasibility Study completed June 2018
- 39% increase in reserves based on PFS and higher grade intercepts
- Mine life extended to 2026 with average annual production of 480,000 oz.
- Targeting completion of Feasibility Study Q1/19

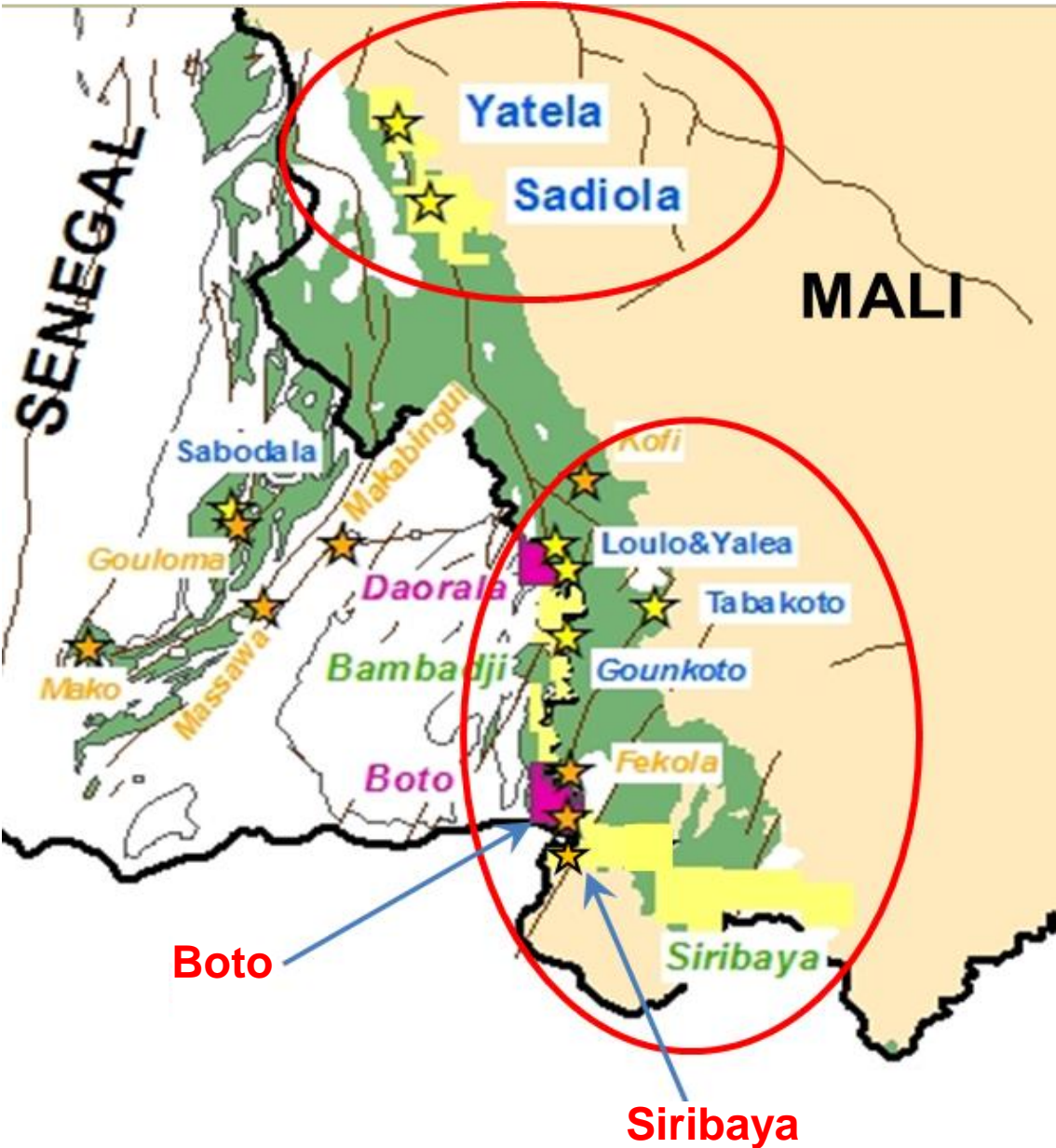
OPTIMIZING CIL PROCESSING

SIGNIFICANT EXPLORATION OPPORTUNITIES

- Essakane Land Package >1,200 km²
 - Numerous satellite prospects
 - ~1 Moz of resources delineated at Falagountou, 8 kms east of Essakane
 - 20 km-long Gossey-Korizena trend
- Recently secured >2,000 km² of new exploration land packages on prospective gold belts in central and western Burkina Faso



Consistent Mineralization along Senegal-Mali Shear Zone



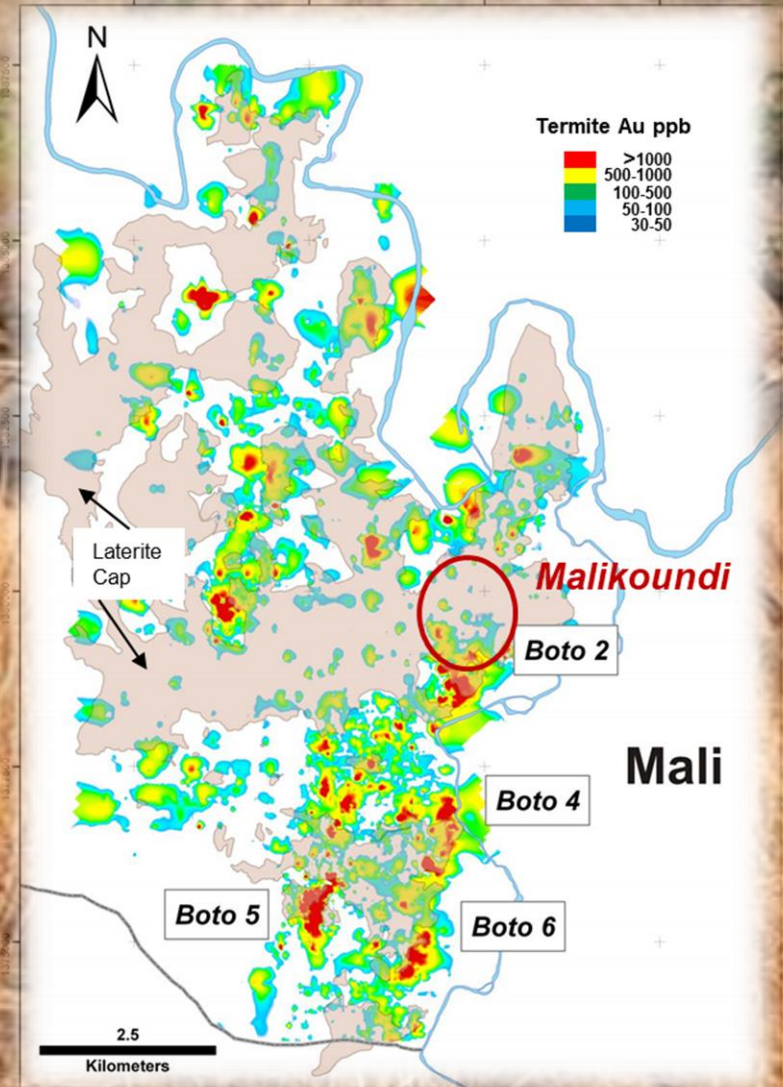
Boto Gold Project, Senegal

Reserves¹ 1.9M oz

Mine Life 12.8 Years

Life-of-mine average annual gold production of 140,000 ounces

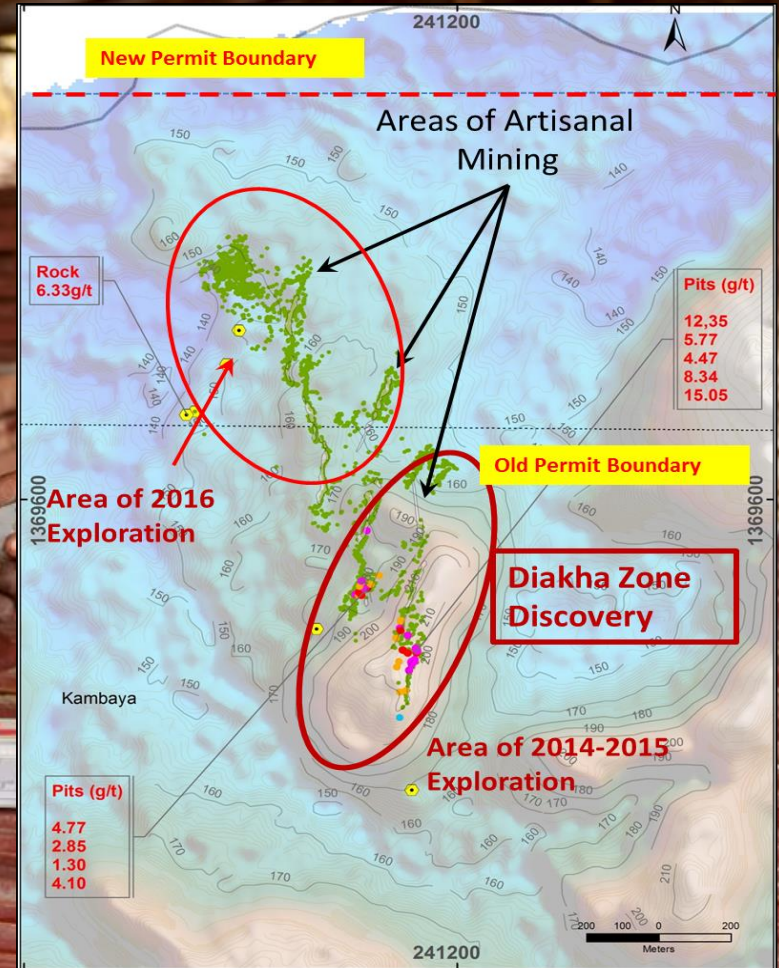
Investment decision 2019



¹See IAMGOLD News Release dated October 22, 2018

Boto's estimated Measured and Indicated Resources are 2.5M oz (incl. reserves) and inferred resources 0.1M oz. Numbers are on a 100% basis. IAMGOLD attributable portion is 90%; Government of Senegal 10%

Siribaya Project, Mali



Inferred resource¹ 1.1M oz

Diakha deposit accounts for 80% of resource

Significant potential to extend mineralization

¹ See IAMGOLD news release dated February 12, 2018
Siribaya also has an Indicated Resource of 0.1M oz.

Keys to Success



Navigate a Challenging Environment



Resource nationalism...

Unstable political environments...

Revised mining codes...

Illegal mining...

Poor infrastructure...

Drought....harsh climate...remote regions

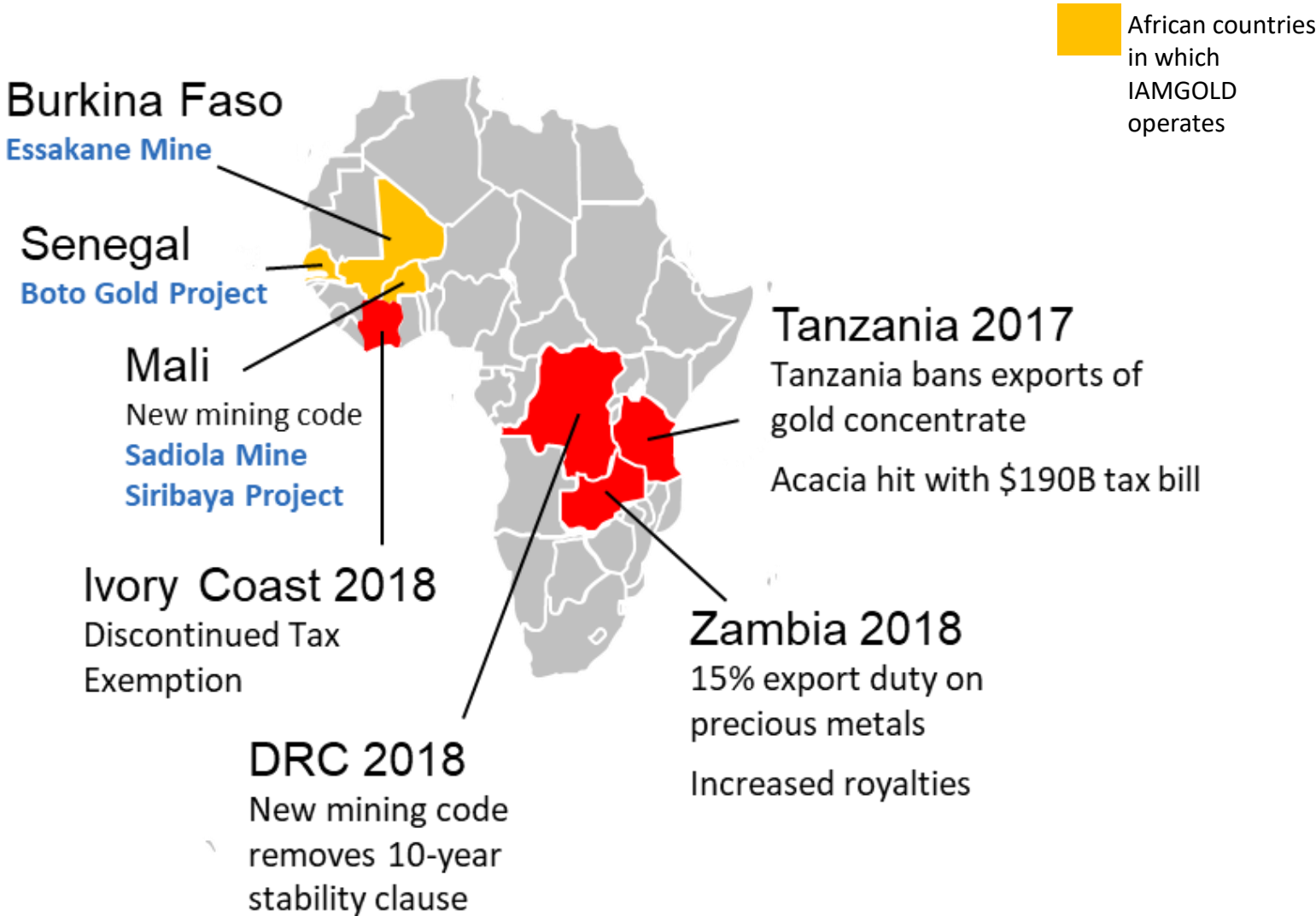
Lack of electricity...

MISPERCEPTIONS ARE THE GREATEST CHALLENGE OF ALL

Painting Africa with a Single Brush Distorts Reality



Operating for 25 Years without Interruption



IAMGOLD operations not impacted by regulatory changes in other countries

Barrick Bets Big on Africa



BARRICK

RANDGOLD
RESOURCES



Engage with Host Countries Face-to-Face



Partnerships

Balanced Agreements

Collaboration

Invest Locally

- ~96% of Essakane's employees are nationals
- In 2017, \$200M spent on supplies procured locally in Burkina
- 4 out of 5 of IAMGOLD's top suppliers are in Burkina Faso



Community Initiatives



Health Centre
Siribaya, Mali



Market Garden Program
Boto Gold Project
Senegal



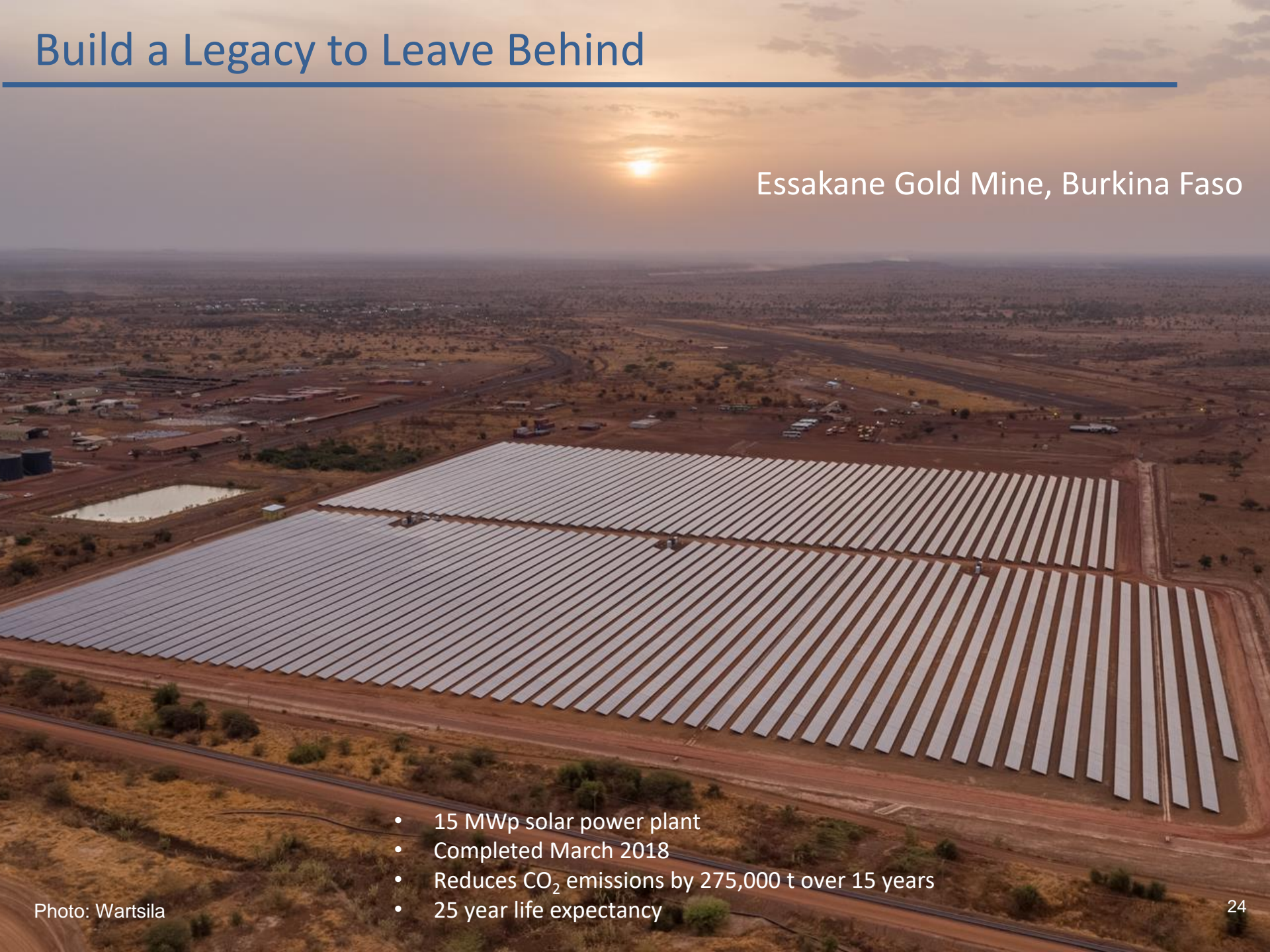
Tree Nursery
Burkina Faso



Vegetable Garden
Burkina Faso

Build a Legacy to Leave Behind

Essakane Gold Mine, Burkina Faso



- 15 MWp solar power plant
- Completed March 2018
- Reduces CO₂ emissions by 275,000 t over 15 years
- 25 year life expectancy

Partner with NGOs and Governments



IAMGOLD, Plan Canada and the Government of Canada project to fund technical and vocational training in two regions of Burkina Faso

Welding students watch a lesson at the vocational college in Tougouri, Burkina Faso.

Triangle D'Eau Project

A young child with dark skin and short hair, wearing a light green tank top, is shown in profile. They are holding a blue bucket under a public water tap. Water is flowing from the tap into the bucket. The child is also washing their hands under the running water. The background is a blurred outdoor setting with green foliage and a blue sky.

Providing access to safe
drinking water

IAMGOLD, One Drop Foundation,
CoWater Segema, Canadian
Government

IAMGOLD's Keys to Success in West Africa

- Navigate a challenging environment
- Engage face-to-face with host countries
 - Invest locally
 - Build a legacy to leave behind
- Partner with NGOs and Governments to extend benefits beyond vicinity of the mine



25 years of successful exploration, discovery and mining

Cautionary Statement

All information included in this presentation whether in narrative or chart form, 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. Forward-looking statements contained in this presentation include, without limitation, statements with respect to: the Company's guidance for production, cash costs, all-in sustaining costs, depreciation expense, effective tax rate, 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", "opportunities", "prospective", "intend", "plan", "possible", "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, copper, silver or certain other commodities (such as diesel 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.shtml. The risks described in the Annual Information Form (filed and viewable on www.sedar.com and www.sec.gov/edgar.shtml, 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.

Technical Information and Qualified Person/Quality Control Notes

The mineral resource estimates contained in this presentation have been prepared in accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"). The "Qualified Person" responsible for the supervision of the preparation and review of all resource and reserve estimates for IAMGOLD is Lise Chenard, Eng., Director, Mining Geology. Lise has worked in the mining industry for more than 30 years, mainly in operations, project development and consulting. She joined IAMGOLD in April 2013 and acquired her knowledge of the Company's operations and projects through site visits, information reviews and ongoing communication and oversight of mine site technical service teams or consultants responsible for resource and reserve modeling and estimation. She is considered a "Qualified Person" for the purposes of NI 43-101 with respect to the mineralization being reported on. The technical information has been included herein with the consent and prior review of the above noted Qualified Person. The Qualified person has verified the data disclosed, and data underlying the information or opinions contained herein.

The technical information for Sadiola contained in this presentation has been prepared in accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"). The "Qualified Person" responsible for the supervision of the preparation and review of all technical information for IAMGOLD is Philippe Gauthier, BSc. Mechanical Engineering and MASc Mechanical Engineering, the Director Development Projects for IAMGOLD. Philippe has worked as mechanical engineer for 28 years, mainly in mining and project development. He joined IAMGOLD in 2008 and acquired his knowledge of Sadiola through his work on the Infrastructure and Plant Engineering for an internal feasibility report in 2010, his work to update the documentation and engineering subsequent to that report and his most recent site visit on August 28, 2015. He is considered a "Qualified Person" for the purposes of NI 43-101 with respect to the technical information being reported on. The technical information has been included herein with the consent and prior review of the above noted Qualified Person. The Qualified person has read and verified the data disclosed, and data underlying the information or opinions contained herein.

Drilling results in this presentation have been prepared in accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects. The sampling of, and assay data from, drill core is monitored through the implementation of a quality assurance - quality control (QA-QC) program designed to follow industry best practice. The "Qualified Person" responsible for the supervision of the preparation, verification, and review of these results is Craig MacDougall, P.Geo., Senior Vice President, Exploration for IAMGOLD. Mr. MacDougall is a Qualified Person as defined by National Instrument 43-101.



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CORPORATION

