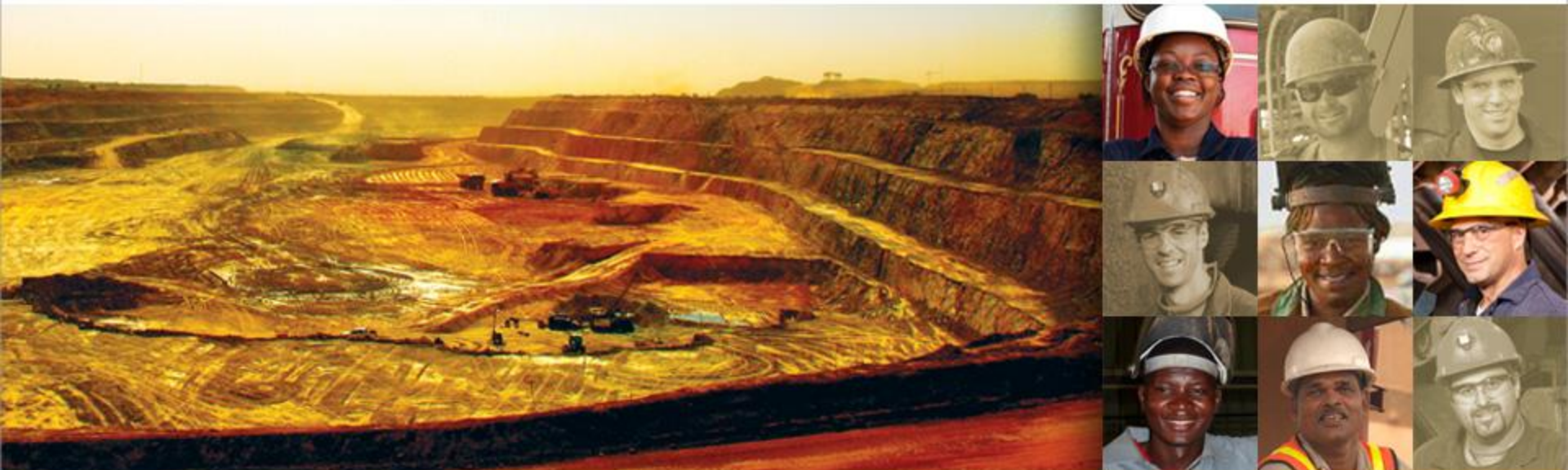


# ROSEBEL GOLD MINES N.V.

May 18<sup>th</sup> , 2012



## Tour of Rosebel Gold Mines Suriname

TSX: IMG   NYSE: IAG

# Cautionary Statement

*This presentation contains forward-looking statements. All statements, other than of historical fact, that address activities, events or developments that the Company believes, expects or anticipates will or may occur in the future (including, without limitation, statements regarding expected, estimated or planned gold and niobium production, cash costs, margin expansion, capital expenditures and exploration expenditures and statements regarding the estimation of mineral resources, exploration results, potential mineralization, potential mineral resources and mineral reserves) are forward-looking statements. Forward-looking statements are generally identifiable by use of the words "may", "will", "should", "continue", "expect", "anticipate", "estimate", "believe", "intend", "plan" or "project" or the negative of these words or other variations on these words or comparable terminology. Forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond the Company's ability to control or predict, that may cause the actual results of the Company to differ materially from those discussed in the forward-looking statements. Factors that could cause actual results or events to differ materially from current expectations include, among other things, without limitation, failure to meet expected, estimated or planned gold and niobium production, cash costs, margin expansion, capital expenditures and exploration expenditures and failure to establish estimated mineral resources, the possibility that future exploration results will not be consistent with the Company's expectations, changes in world gold markets and other risks disclosed in IAMGOLD's most recent Form 40-F/Annual Information Form on file with the United States Securities and Exchange Commission and Canadian provincial securities regulatory authorities. Any forward-looking statement speaks only as of the date on which it is made and, except as may be required by applicable securities laws, the Company disclaims any intent or obligation to update any forward-looking statement.*

*The United States Securities and Exchange Commission (the "SEC") permits mining companies, in their filings with the SEC, to disclose only those mineral deposits that a company can economically and legally extract or produce. We use certain terms in this presentation, such as "mineral resources", that the SEC guidelines strictly prohibit us from including in our filings with the SEC. U.S. investors are urged to consider closely the disclosure in the IAMGOLD Annual Report on Form 40-F. A copy of the most recent Form 40-F is available to shareholders, free of charge, upon written request addressed to the Investor Relations Department.*

*Total Resources includes all categories of resources unless indicated otherwise.*

*All currency numbers are in US\$ unless otherwise stated.*



# Tour Introduction

## ■ Presenter

- › Thomas Ohrling      General Manager

## ■ Program

- › 10:15 – 11:15      Introduction & Presentation
- › 11:15 – 11:45      Lunch
- › 12:00 – 13:30      Pit Tour
- › 13:30 – 14:30      Mill & Refinery Tour
- › 14:45 – 15:40      Wrap up – Q & A
- › 15:45      Departure to the Airport



# Location



## KEY FACTS

- Suriname is a Democratic Republic neighboring to Guyana in the West, French Guiana in the East and Brazil in the South.
- The official language is Dutch and the population is approximately 540,000 people.
- Rosebel is located in the District Brokopondo, 100 km from the Capital city Paramaribo and can be reached through the Afobaka road within a 2 hour drive.
- The Rosebel concession covers 17,000 hectares with the Suriname river in the East and the Saramacca river in the West.
- First commercial gold mining company in Suriname.



# Rosebel History

Mineral Agreement  
Rep. Sur.–Grassalco–Goldenstar

Provisional Agreement  
Rep. Sur.–Grassalco–Goldenstar

Feasibility Study and  
Environmental Impact  
Statement

Amending Agreement  
Rep. Sur.–Grassalco–Goldenstar

IAMGOLD acquires  
Cambior

'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06
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Establishment Rosebel  
Gold Mines N.V.

Construction of  
Rosebel Mine

Commercial  
Production



# Growth



- › 4<sup>th</sup> expansion in 7 years
- › Reserves outpace depletion
- › On-going discussions with Government to unlock further value
- › Large land area still to be explored



# Current Rosebel Expansion



## Attributable production

- › Q1'12: 93,000 ozs
- › 2011: 385,000 ozs

## Expansion will increase capacity to treat harder ore

H2'12

- › Expect higher hard rock feed ratio with installation of a pre-crusher, a large pebble crusher and expanded gravity circuit

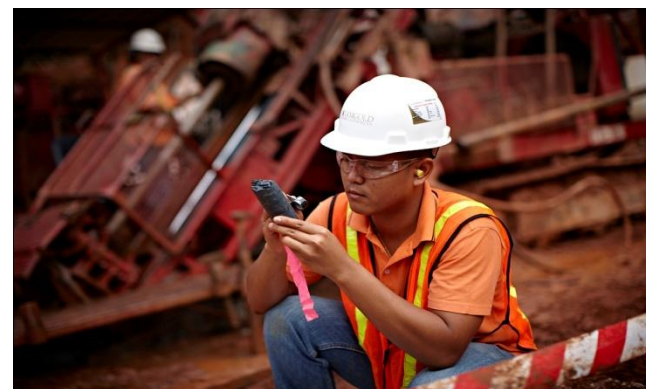
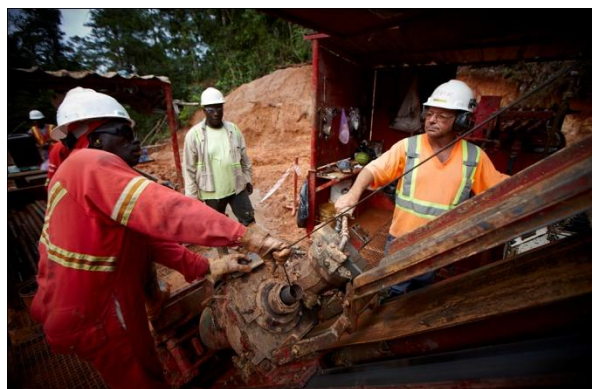
## 2012 Outlook

- › Completion of feasibility study providing detail on expansion project. Optimization efforts will drive down costs
- › Definitive agreement with Government of Suriname on next phase of expansion (satellite resources)
- › Guidance maintained at 370,000-395,000 ozs

<i>As at December 31, 2011</i>	<b>Tonnes (millions)</b>	<b>Grade (g/t)</b>	<b>Attributable Contained ounces (000s oz)</b>
Proven Reserves	102.4	1.0	3,155
Probable Reserves	84.0	1.0	2,575
Measured Mineral Resource <sup>1</sup>	158.0	1.0	4,607
Indicated Mineral Resource <sup>1</sup>	105.1	1.0	3,112
Inferred Mineral Resource <sup>1</sup>	13.9	0.7	278
Mine Life	11+ years		

<sup>1</sup>Measured & Indicated Mineral Resources are inclusive of Proven and Probable Reserves

# Exploration



## **Brownfield exploration program:**

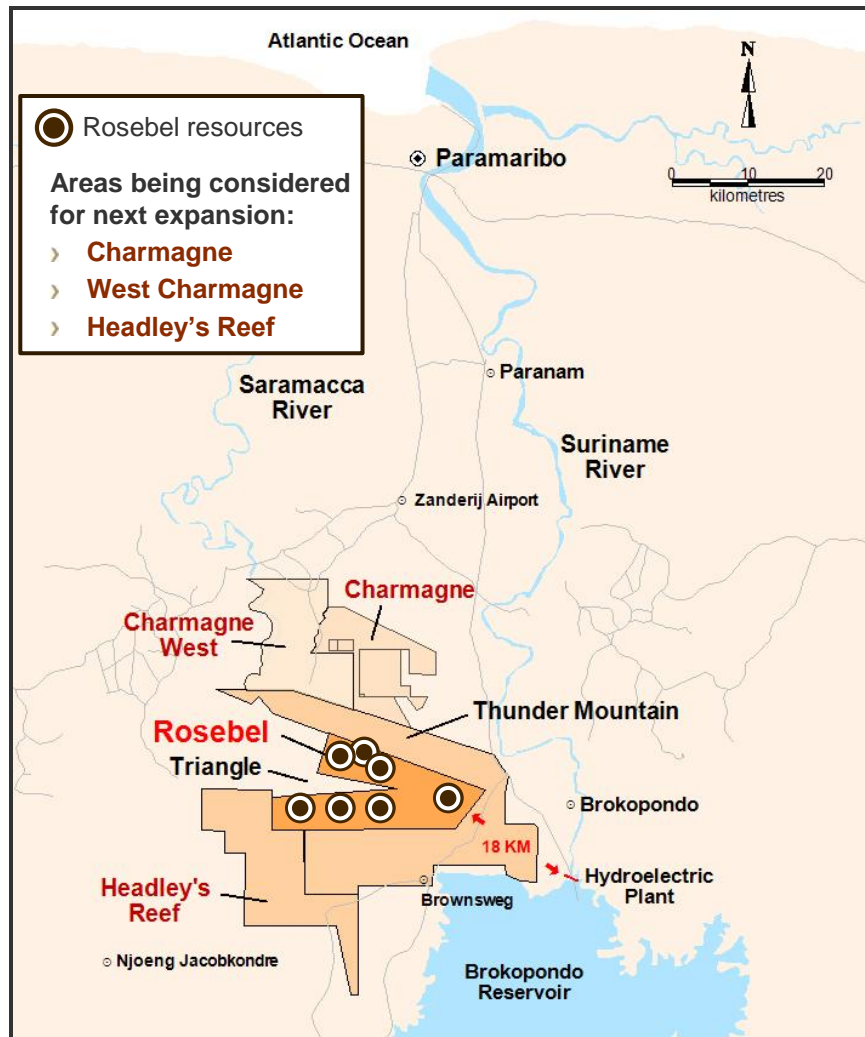
- ☐ Transfer Resources into Reserves at Overman (Charmagne area)
- ☐ Add the new East Tailings Road (ETC) deposit to Reserves
- ☐ Continue to expand the Rosebel deposit to the East (Rosebela area) and at depth
- ☐ Continue to expand the Mayo deposit laterally and at depth
- ☐ Development drilling at J-Zone, Royal Hill, Koolhoven and Pay Caro
- ☐ Start drilling new projects (Blauw Tent, Mamacreek)
- ☐ Surface workings (trenches, augering) on the known geochemical anomalies

## **Near- Mine Regional:**

- ☐ Deep auger drilling on the mining concession and adjacent exploration properties: Koemboe & Kraboe Doin
- ☐ Systematic mechanical auger drilling in areas of significant alluvial cover



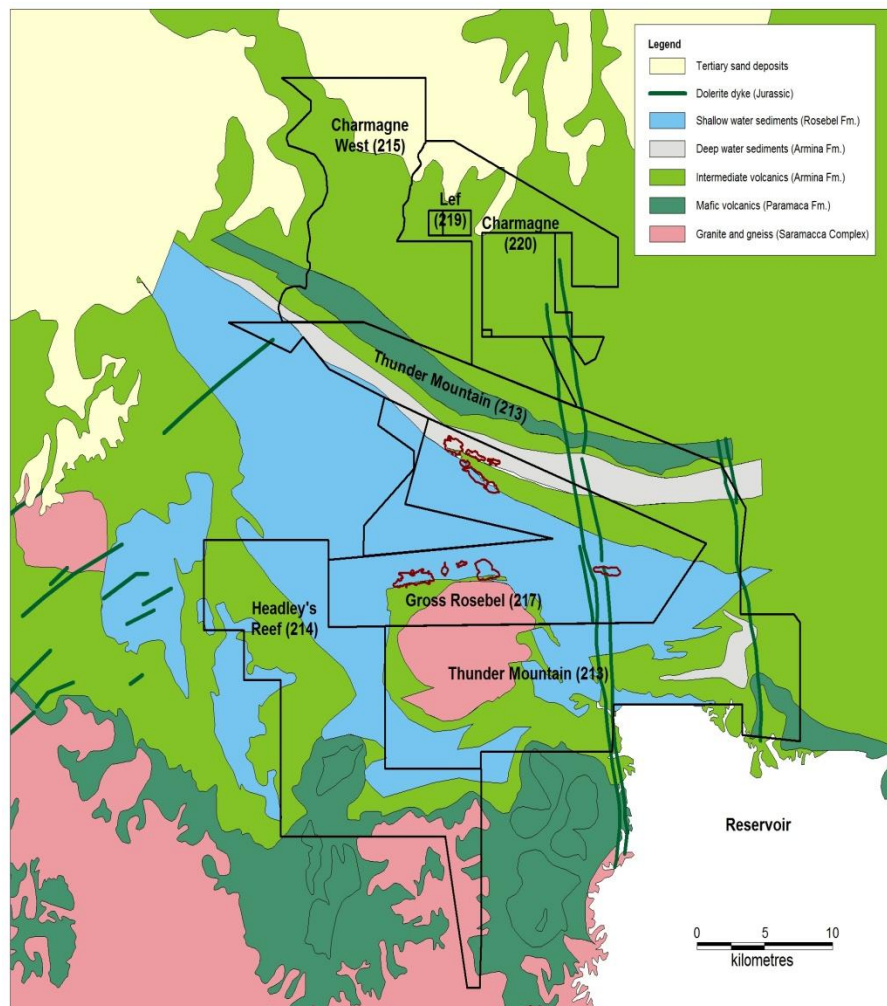
# Future Expansion Potential at Rosebel is Significant



- Heads of Agreement with Government of Suriname Dec. '11 to support significant expansion at Rosebel
- Definitive agreement expected this year



# Capital Expenditures



## Capital Expenditures 2012-16:

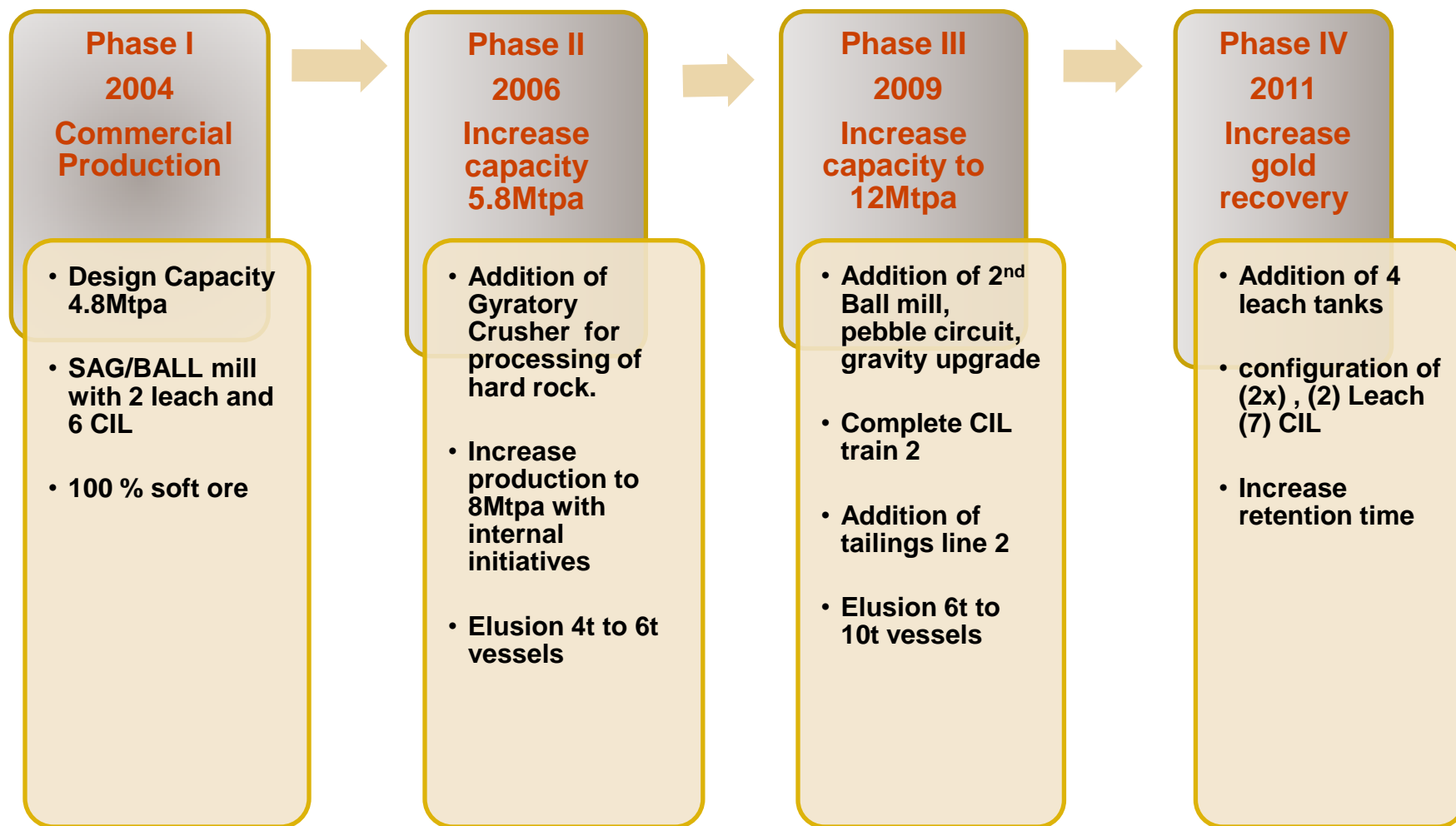
■ **\$550 million**

■ **Includes project capital, sustaining capital and capitalized stripping:**

- › To maintain gold production in the range 400,000 oz/y
- › Increasing hard rock processing ratio
- › Additional mining/processing equipment
- › Include Rosebel Pit

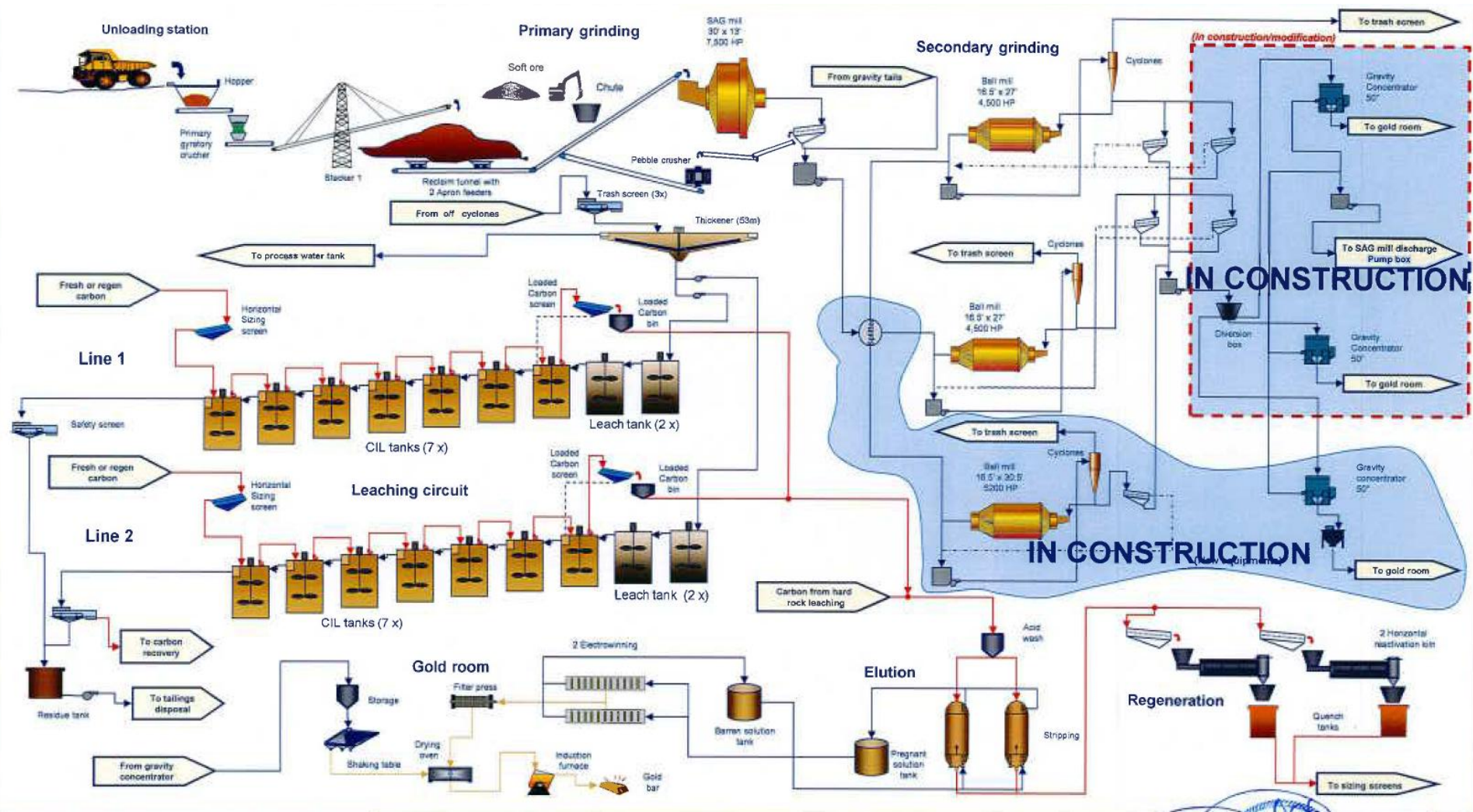


# Mill Expansions



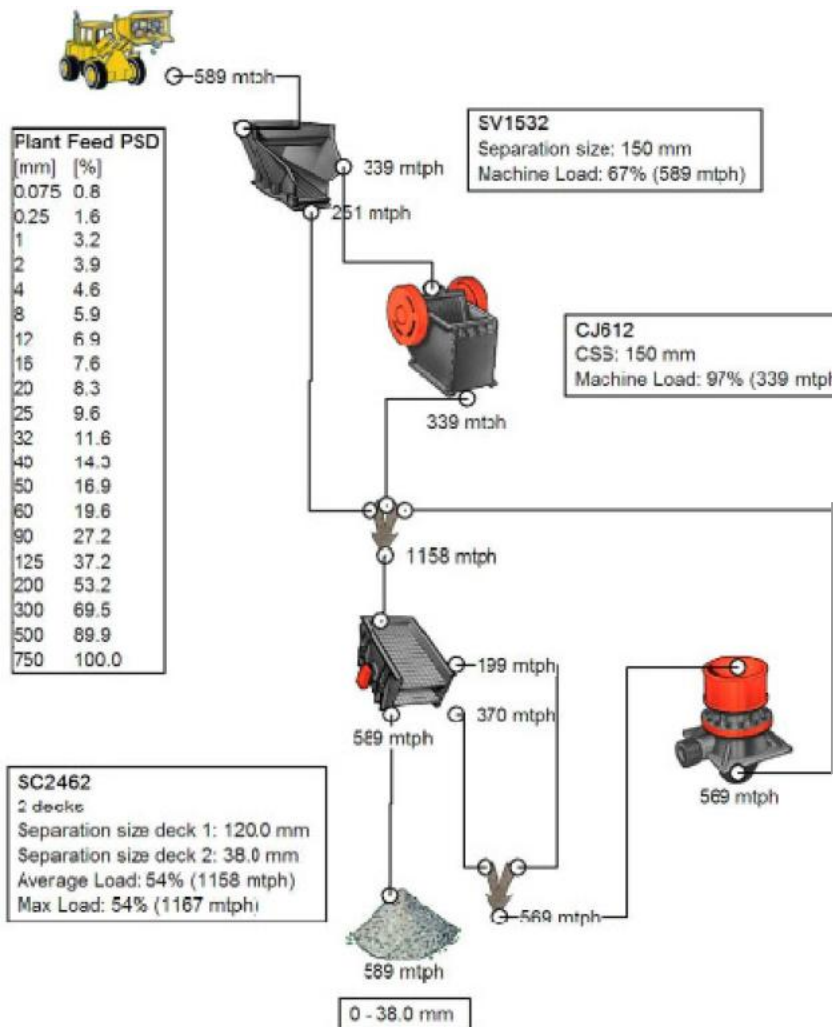
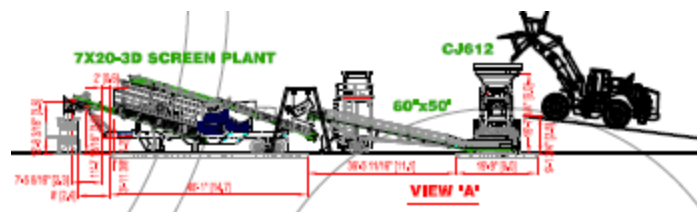
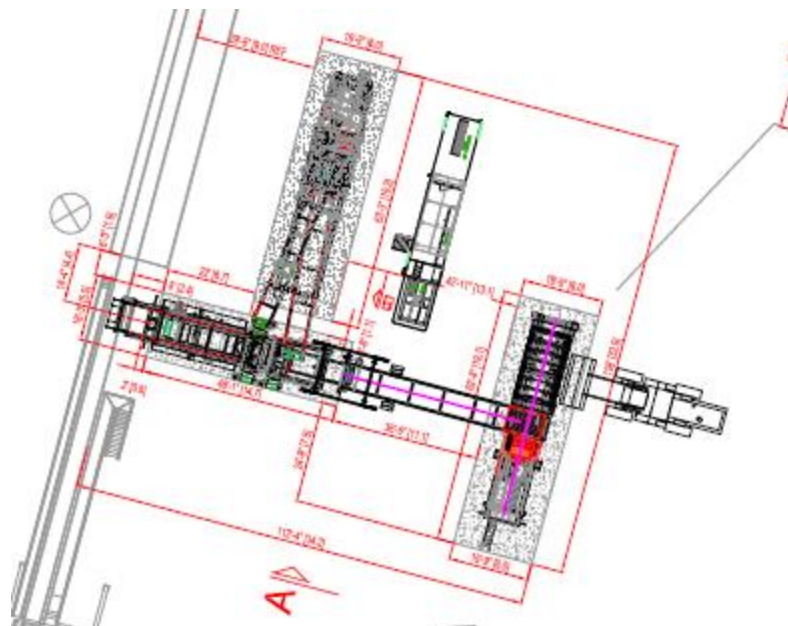


# Mill – Flow Sheet Including SUGR-K (Gravity) / SUGR-N (BM3)

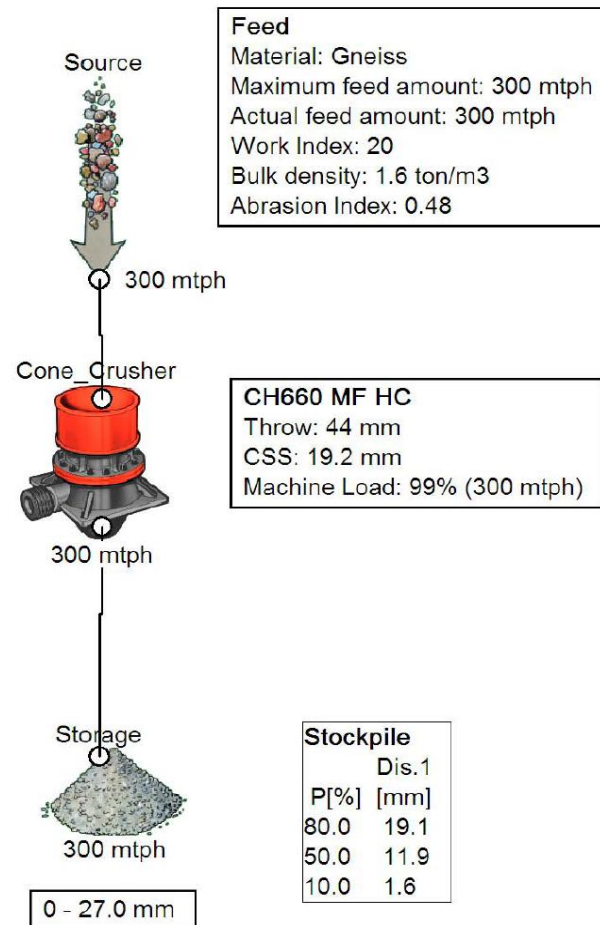
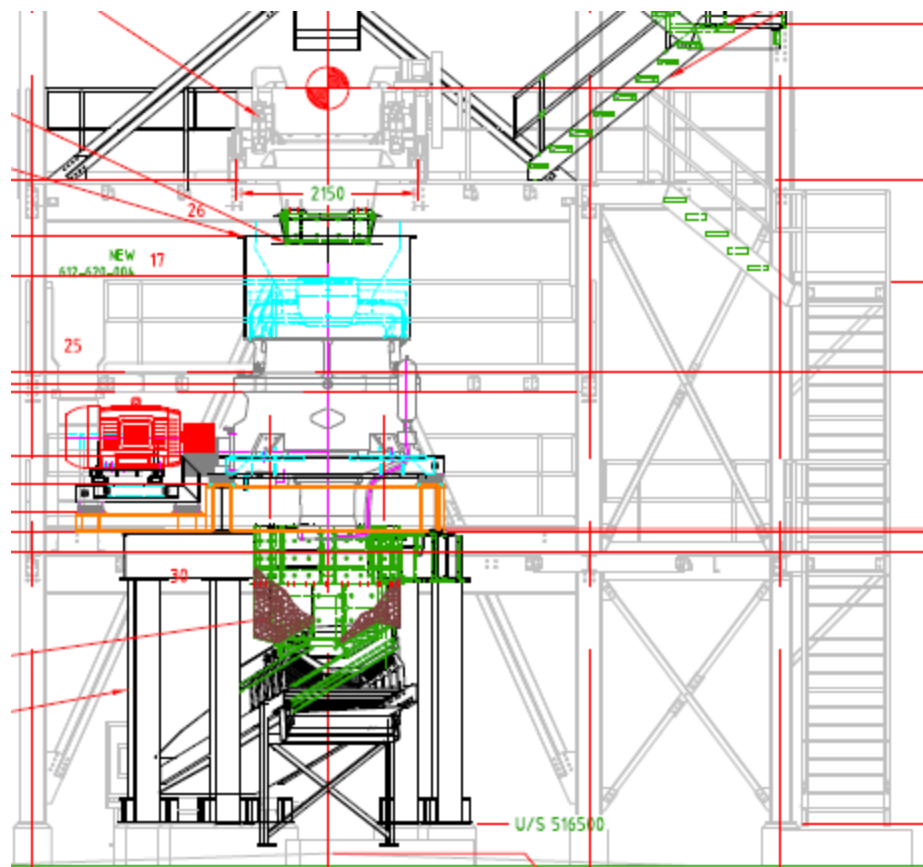




# Mill – Pre Crush



# Mill – Mill Pebble Crush



# Mill – Construction Optimization

## ■ Gravity

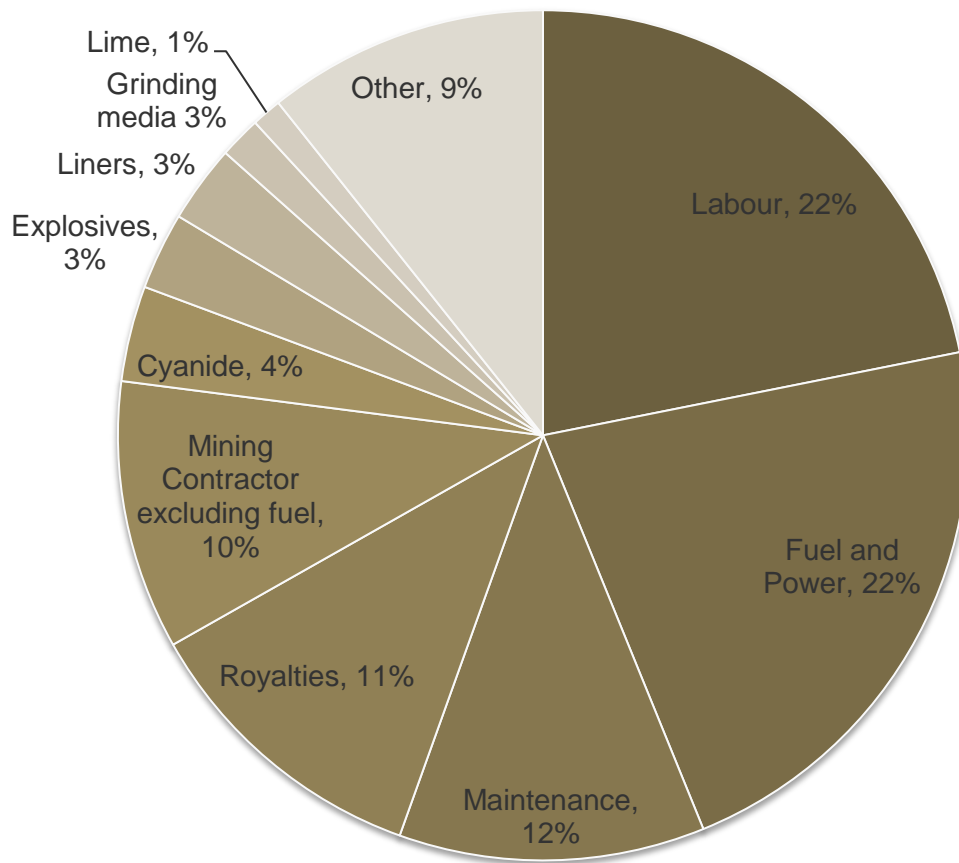
- › Current capacity 200tph , <15% feed rate - Increase capacity 600tph >30% feed
- › Table recovery limited - Acacia recovery total gold reporting to gravity
- › Gravity recovery limited to <20% - Audits indicate recoveries ~45%

## ■ Third Ball Mill

- › Current Grinding limited to 20% hard rock - Ability to process >35% hard rock.
- › No classification at primary grinding - Primary cyclone pack will reduce mass transfer to secondary grinding by ~30%.
- › Currently operating at high cyclone overflow densities - Reduced cyclone overflow densities will provide sharper classification cut, maximize gravity gold (GRG) reporting to gravity circuit for improved gravity performance.



# Top 10 Operating Costs



## Where are the opportunities to save on costs?

- › Potential for large impacts:
  - › Fuel & Power
  - › Labour
  - › Maintenance
  - › Contractors
- › Potential for small impacts:
  - › Reagents
  - › Royalties
  - › Other



# Key Highlights Production & Cost

## Ownership: IMG 95% -Gov 5%

### Reserves (oz) Year End 2011 (100%)

P&P Reserves 6,031,000

### Gold Production (oz)

2012 (E)	390-415
2011	406,000
2010	416,000
2009	412,000
2008	331,000
2007	276,000

### Cash Cost (\$/oz)

2012 (E)	\$670-695
2011	\$616
2010	\$484
2009	\$395
2008	\$466
2007	\$452

Estimated Mine Life (years) 11+

### Attributable Reserves (oz) Year End 2011 (95%)

P&P Reserves 5,730,000

### Attributable Gold Production (oz)

2012 (E)	370-395
2011	385,000
2010	395,000
2009	392,000
2008	315,000
2007	262,000



# ROSEBEL Q-1 – 2012 results



## Q1 2012

### Actual

### Budget

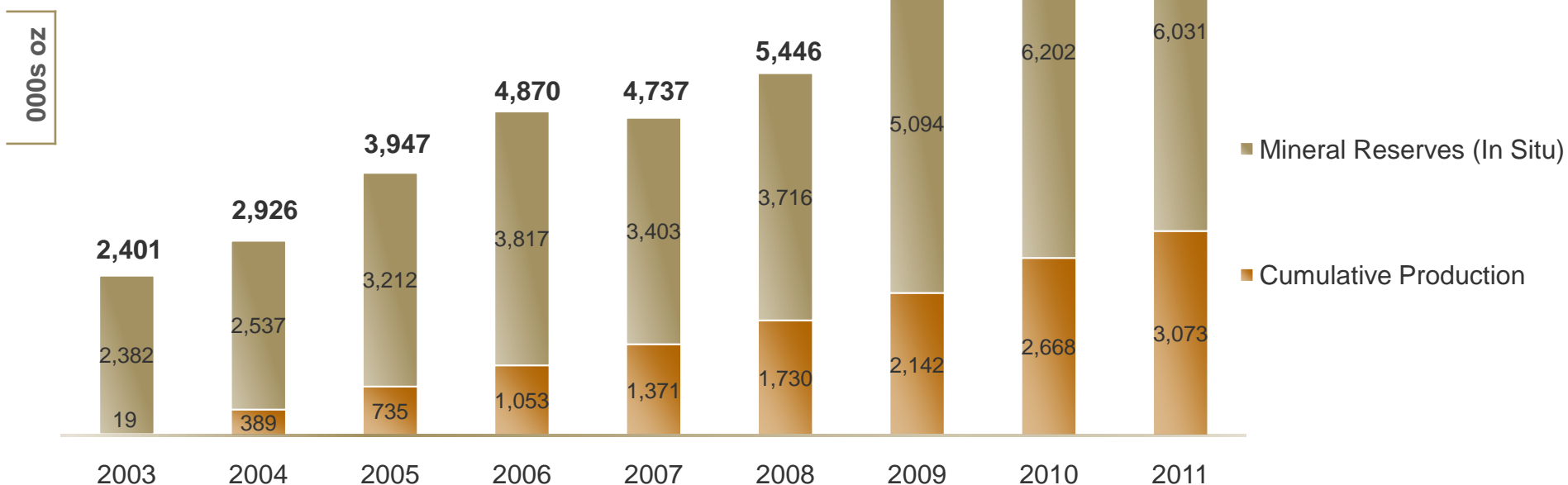
#### OPERATING RESULTS (100%)

Ore mined	000 t	3,499	3,301
Waste mined	000 t	10,505	10,394
Total tonnes mined		14,004	13,695
Strip ratio		2.96	3.15
Throughput (Ore Milled)	000 t	3,131	3,167
Grade	g/t	1.02	1.01
Recovery	%	94.3%	92.9%
Gold produced	oz	97,550	95,479

#### Cost per ounce (US\$)

Direct cash cost	US\$/oz	\$ 540	\$ 596
Royalties	US\$/oz	\$ 99	\$ 99
Cash costs	US\$/oz	\$ 638	\$ 695
Mining cost	US\$/t mined	\$ 1.99	\$ 2.11
Processing cost	US\$/t milled	\$ 7.39	\$ 7.10
G&A cost	US\$/t milled	\$ 2.75	\$ 2.64
Total Operating cost	US\$/t milled	\$ 17.00	\$ 17.98

# Reserves and Resources 2003 - 2011



# Relationship with Government

Structure	Rosebel	Government	Supervision
Supervisory Board	6 directors	1 director	Quarterly meeting
Annual Shareholders Meeting	IAMGOLD	Republic of Suriname	Yearly
Monitoring Committee		Representatives from Ministries of: <ul style="list-style-type: none"> <li>▪ATM- Labor</li> <li>▪Natural Resources</li> <li>▪Finance/Tax</li> <li>▪Regional Development</li> <li>▪Environment - NIMOS</li> </ul>	Monthly
Customs	Gold Shipment		
Foreign Exchange Board	Reporting Obligation		
Min. of Defense	Permanent - Emulsion Plant- Explosives		





# Applicable Royalties

Gold price \$/oz	1,000	1,200	1,400	1,600	1,800	2,000
Royalty in kind	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%
Excess Royalty 6.5% (gold price in excess of \$425)	3.74%	4.20%	4.53%	4.77%	4.97%	5.12%
Total effective royalty percentage	5.99%	6.45%	6.78%	7.02%	7.22%	7.37%

**No Maximum Royalty**

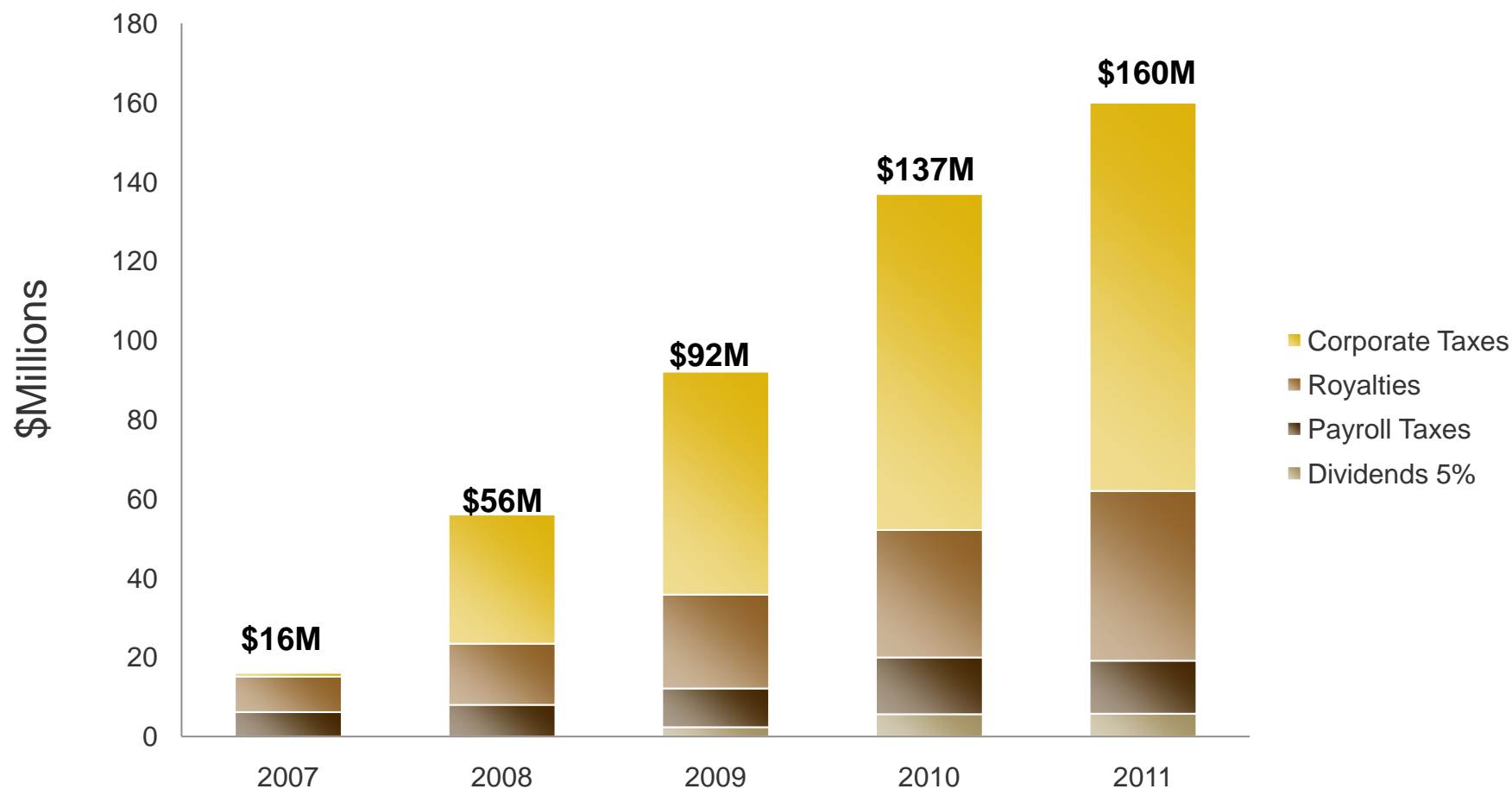


# Cumulative Royalty Payments

Based on rates of 2.25% production royalties, plus 6.5% royalties for prices in excess of \$425/oz



# Direct Financial Contribution Government 2007-2011



# Strong Supply Chain Policy

❑ **Goods & Services:** Competitive - quality – quantity - continuity

❑ **Policy:** Maximize locally purchased goods and services

➤ **Engagement:**

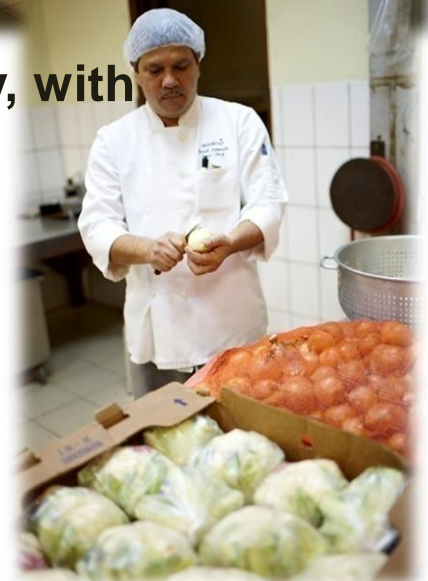
- Vendor's event (annual)
- Encourage & support local entrepreneurship
- Support production of quality goods

❑ **Example:** RGM serves approximately 3,000 meals per day, with nearly all food products locally purchased

❑ **International Sourcing**

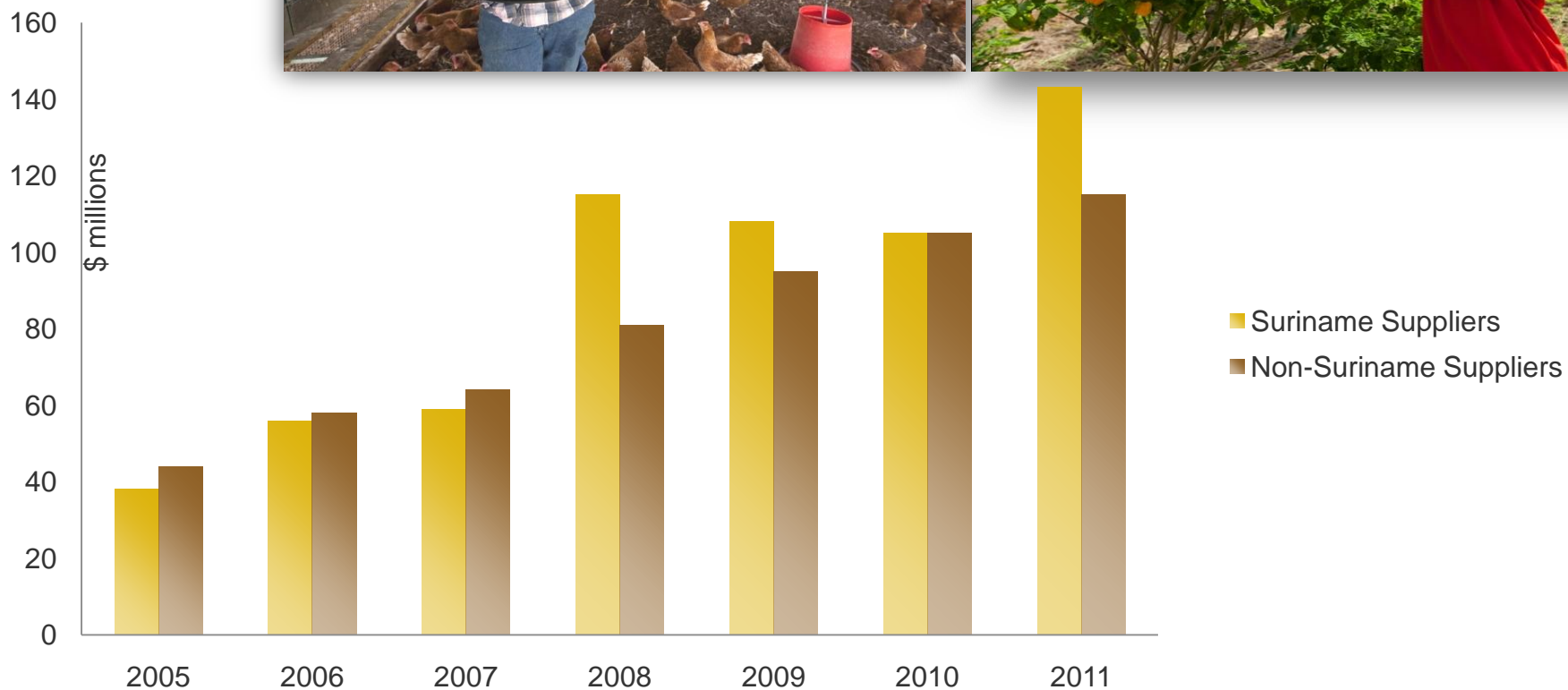
➤ **Global Procurement Policy**

- Tires & major equipment/components
- Grinding Media
- Mill reagents
- Explosives and related hardware

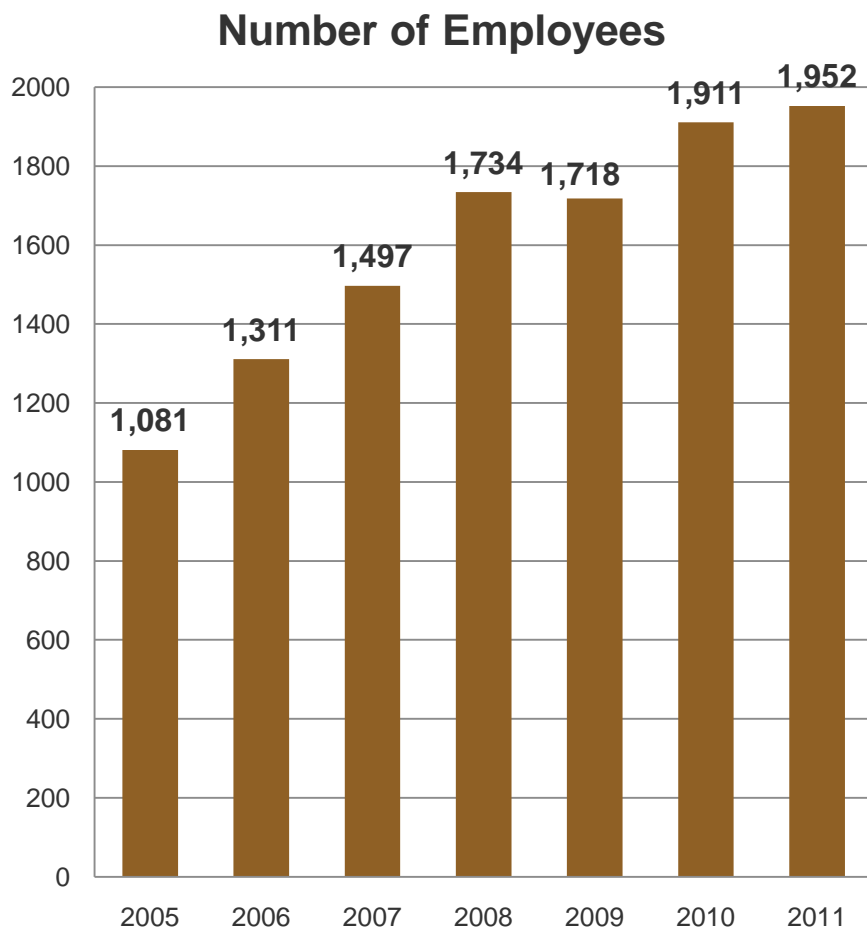




# Suriname vs. Non-Suriname Suppliers



# Total Employment



## Empowering People:

### ■ Training & Development

- › Supervisory Leadership Development Program

### ■ Talent Management

### ■ Shift schedule review ongoing

### ■ Social Recreation:

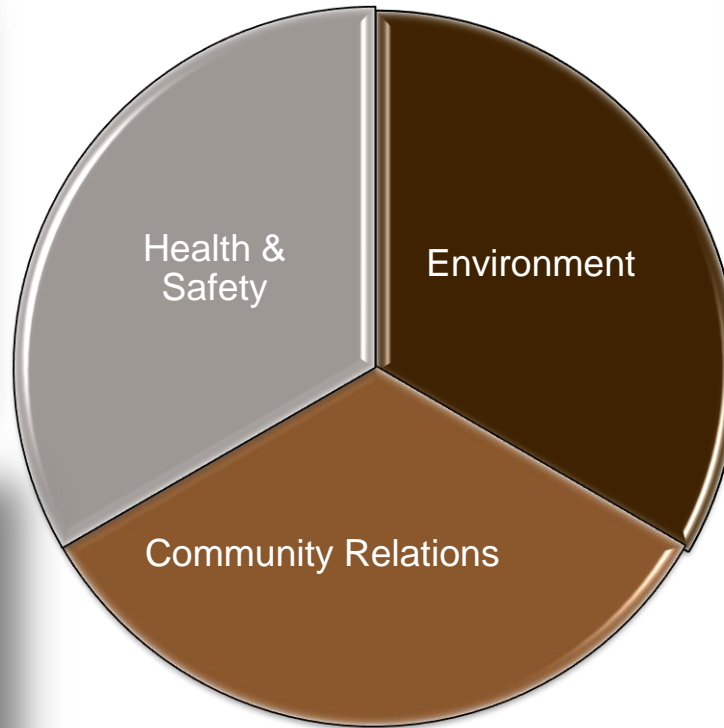
- › Sport Facility
- › Healthy Lifestyle
- › Family Day



# HEALTH, SAFETY & SUSTAINABILITY

## ■ ZERO HARM VISION

- › IAMGOLD's commitment to protect the people, the environment and surrounding communities



# Community Relations

## Engagement and Consultation

- ❑ Managing surrounding communities (7) and other stakeholder 'social effects' by:
  - Developing and implementing a Community Relations Management System (CRMS).
- ❑ March 2012: RGM was the first international operation to achieve a AAA level rating for Community Outreach program as per MAC's 'Towards Sustainable Mining' Program.





# Community Development Projects



**Heavy equipment  
training**



**Poultry Project**



**Scholarship**



**Eye Care**



**9 new Teacher  
Accommodation**

**CAPACITY BUILDING**

# OCCUPATIONAL HEALTH & SAFETY

## ■ No Fatalities

## ■ Target: Triple Zero

- › (φ Lost Time, Medical Aid, or Modified Duty)
- › RGM Objective: 2012 DART\* rate of 0.45 (10% reduction from 2011)

## ■ OHSAS 18001 Certification (Nov 2011)

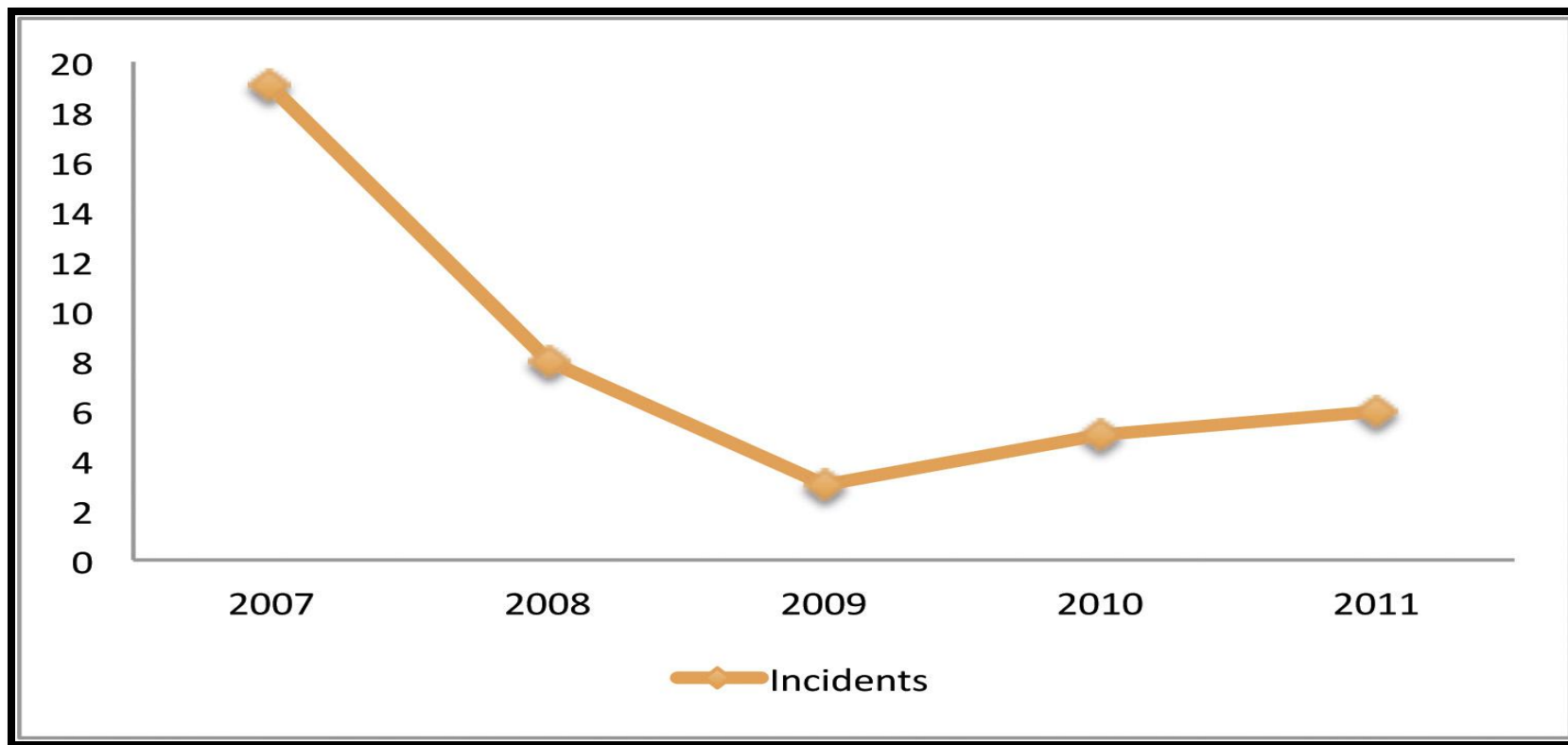
- › Framework for an effective occupational health & safety management system
- › Significant Risk Control Standards (SRCS)
  - Leading initiative in identifying and controlling significant risks within the organization
- › Mind Body Achievement (MBA)
  - Program that promotes a healthy interaction with the workforce at all levels within the framework of **Zero Harm**, increased safety awareness and leadership development



\*DART = Days Away, Restricted or Job Transfer



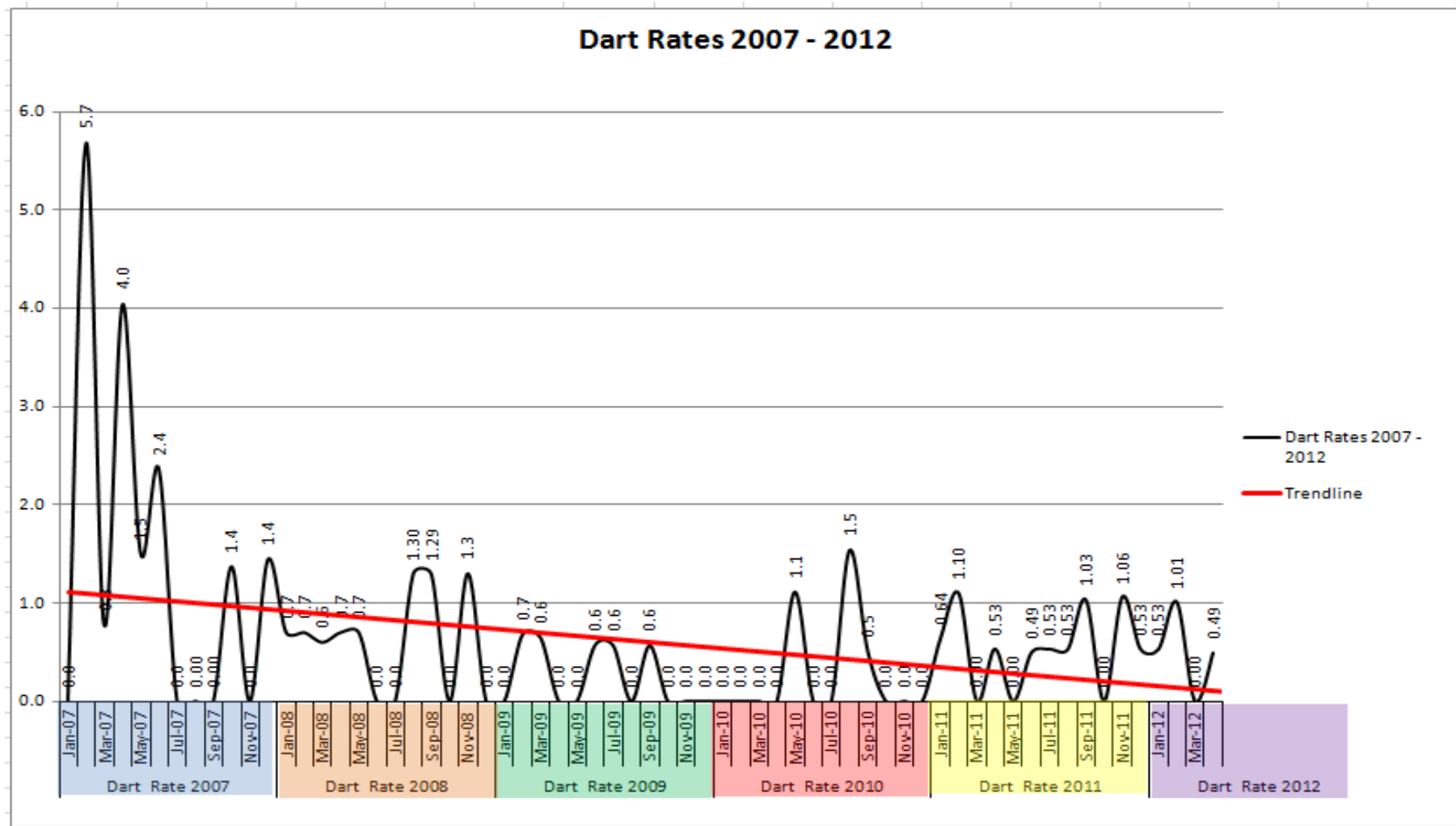
# Safety Chart



**Between 2007 – 2011 lost-time incidents have decreased by nearly 75 %**



# \*DART Rate 2007 - 2012





# ENVIRONMENT

## ■ Environmental Management System ISO14001:2004 certified since 2005

- ❑ Development and implementation of our Environmental Management System (EMS) i.e. Environmental policy, Significant Environmental Aspects, and Monitoring Programs.
  - › progressive reclamation & mine closure;
  - › keeping the quality of water discharged to the environment in compliance with international standards;
  - › recycling and managing waste;
  - › tailings management; and
  - › engagement with government and local communities in environmental programs and inspections
- ❑ Applicable Law & Standards  
WB – IFC standards, USEPA, Mineral Agreement, EIA and IAMGOLD Policies.



# Illegal Small Scale Miners (SSM)

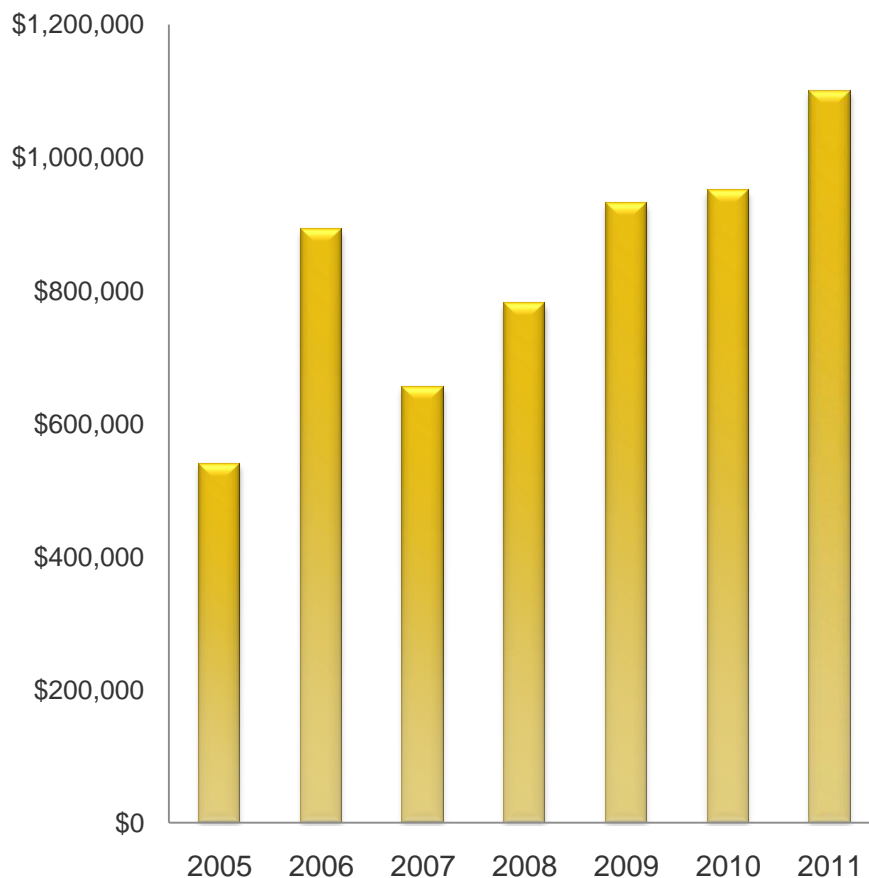
## SSM exists at Rosebel Concession





# Corporate Social Responsibility

## Sponsorships and Donations



## Highlights projects 2012:

- IAMGOLD – Rosebel Foundation
- Brownsweg Sport complex
- Hospital Brokopondo partnership with Ministry of Health
- Master's degree in Geosciences – ADEK
- Children's Book Festival



# Challenges and Opportunities

## ■ Challenges:

### ■ COSTS

- › Power, Fuel, Wages and Reagents
- › High sustaining capital requirements
- › High royalty payments

### ■ WORKFORCE

- › Shift Schedules
- › Skilled employees
- › Retention/Competition

### ■ SMALL SCALE MINERS- ILLEGAL MINERS

### ■ TECHNICAL

- › Increasing rock hardness,
- › Haulage distances and strip ratios
- › Large construction projects

## ■ Opportunities:

### ■ COSTS

- › Power options
- › Explore alternative power sources
- › Benefit from economies of scale

### ■ PARTNERSHIP WITH STAKEHOLDERS

- Local Community
- Government

### ■ IMPROVE EFFICIENCIES

- › Equipment upgrades/additions
- › Application of new technologies

### WORKFORCE

- › Leadership Training
- › Advance development of National Workforce







# THANK YOU

**Legal and Corporate Affairs**  
**Sharmila Jadnanansing**



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CORPORATION