Asset Management Services Pty Ltd Email: iopdam@amsstrategic.com www.amsstrategic.com



BARRICK



Facilitated Annual Strategic Business Planning

We work with your team to facilitate mine site and department level annual strategic business plan development, through cross functional risk & opportunity workshops, focused on asset performance and the internal/external environment.

Find out more

BARRICK

AMS Asset Annual Strategic Planning Roadmap



Site Objectives

Corporate Strategy Site Objectives & Scorecard Department Priorities



Step 1

Asset Capacity

Technical Limit & Realistic Expectation Asset Capacity Losses Bottleneck Analysis



Step 2

Performance

Asset Overall Equip Effectiveness Trends Maintenance Standards Self Audit Review

Cost Forecast Accuracy

Step 3

Risk & Opp

Internal & External Risk (PESTEL / SWOT)

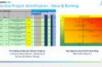
Team Risk & Opportunity Workshop



Step 4

Tactical Project

Project Prioritisation **Business Value & Timing** One Page Summaries for Strategic Projects



Step 5







Business Strategic Alignment

Unlocking "Bottleneck Asset" Full Potential

Review Performance Trends

Identify Key Business Risk & Opportunities

Prioritise Key Strategic Focus & Tactical Projects

BARRICK Mine Maintenance Strategic Project Prioritization HIGH VALUE INITIATIVES FROM STRATEGIC REVIEW Excess Truck Capacity Used for Re-handle or Long-Term Standby value Loading Fleet Reliability/Availability Improvement Project 3 Loading/Truck Fleet PM Time Optimisation CAT 789 Truck Unscheduled Down Reduction Project Overtime Reduction & Contract Work Review 6 Extend Component Life Improved Condition Monitoring Disciplined Schedule Work Completion Culture Supervisor Driven Defect Elimination & Visual KPI Board Parts Overflow Waste & Stockout Reduction Low Work Order Completion Quality & Technician Oracle Access Jigsaw Downtime Recording Quality 1 Improve Supervisor Shift Handover Quality, Process, & Tools Alternative Supplier Cost Reduction Opportunities Support Fleet Reliability Improvement implementation

CAT 789 Unscheduled Downtime Reduction

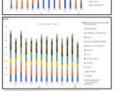
Project Sponsor: David Hogg

Project Manager: Joan Gomez

Problem Definition:

Increase truck availability to improve fleet available hours and reduce required fleet size / cost, by reducing 12 Mth Avg fleet daily unscheduled (Non-Programado) time from 80 to 70 hrs/day, approx 1.2% availability or 0.5 trucks.







Unsched Equip Down (Hrs)



Proposed Solutions:

· Group review of main unscheduled down events and duration for last 12 months, determine main causes, prioritise areas and identify root causes:

- > TRANSMISSION FAILURES
- > STEERING BALL STUD INSPECTIONS
- > ENSURE TYRE INSP ARE ALIGNED WITH PM
- > HYDRAULIC HOSE LINSCHED CHANCES
- ► ELECTRICAL HARNESS FAILURES
- ➤ FINAL DRIVE MID LIFE V

> CYLINDED HEAD LEAVING/BYDAS > DUMP BODY CALIBRATION

Increasing truck fleet availability, through reduced unscheduled time, will improve labor efficiency and reduce current fleet/expansion fleet size by 0.5 trucks.

- Reduce CAT 789 unsched down from 12 Mth avg 80 to 70 hrs / day
- Increase scheduled work ratio from 50/80 = 38% towards 80%
- Delay high cost component costs out of 2020 through assigning 0.5 truck capacity to long term standby

Estimated cost of implementing the proposed solution. (parts, resources., et