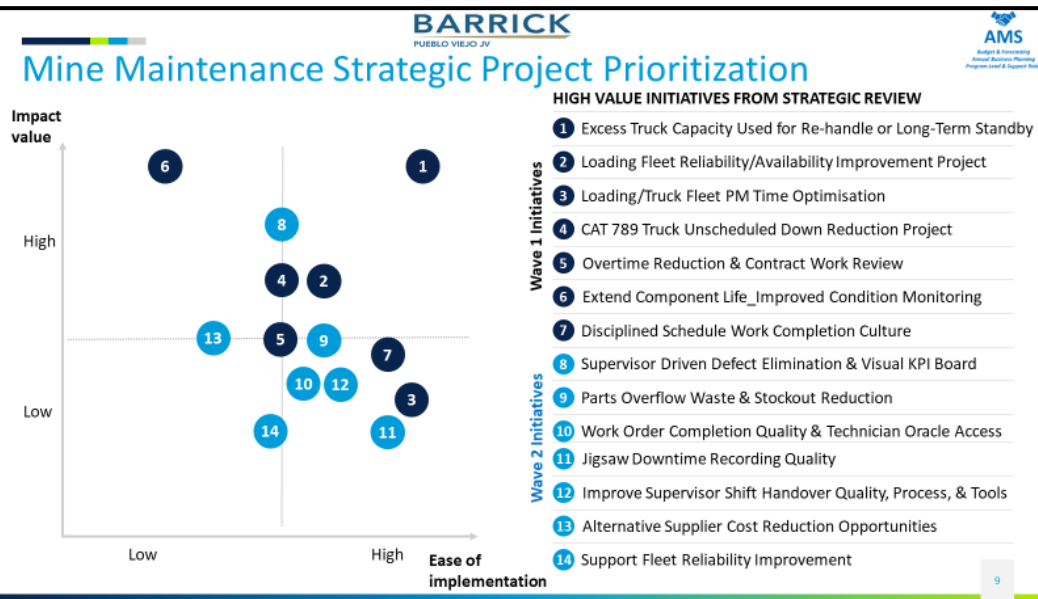




Facilitated Annual Strategic Business Planning

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.

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AMS Asset Annual Strategic Planning Roadmap



4 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.

Proposed Solutions:

- Group review of main unscheduled down events and duration for last 12 months, determine main causes, prioritise areas and identify root causes:
- Wave 1:
 - TRANSMISSION FAILURES
 - STEERING BALL STUD INSPECTIONS
 - ENSURE TYRE INSP ARE ALIGNED WITH PM
 - HYDRAULIC HOSE UNSCHED CHANGES
 - ELECTRICAL HARNESS FAILURES
 - FAN DRIVE BEARING FAILURES
 - FINAL DRIVE MID LIFE
- Wave 2:
 - CYLINDER HEAD LEAKING/BYPASS
 - DUMP BODY CALIBRATION
 - FRAME CRACK REPAIR QUALITY & OPERATING PRACTICES

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

Objectives:

- 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

Implementation Cost:
**Estimated cost of implementing the proposed solution. (parts, resources, et*