LEAD ASSET MANAGEMENT

CAPABILITY STATEMENT

2026

ASSET MANAGEMENT

Reliable Today, *Ready for Tomorrow*

LEAD ASSET MANAGEMENT

// Lead Asset Management Pty Ltd (LAM) is a Perth-based engineering consultancy specialising in asset management solutions.

+120 PROJECTS for clients in the Mining, Electricity and Renewables, Water Infrastructure and Oil and Gas sectors

+250 YEARS of combined expertise

Asset Management

- Alignment with ISO 55001
- Strategic Asset Management Plan (SAMP)
- Asset Management Plan
- Asset Management Assessment & Audit
- Asset Management Benchmarking
- Asset Management Coaching & Mentoring
- Asset Management System Audit
- Asset Health Dashboards
- Lifecycle Cost Development and Optimisation

Operational Readiness

- Material & Critical Risk Management
- Spare Parts & Materials Cataloguing
- Change Management
- Project Management Support

Reliability Engineering

- Equipment Criticality Assessment
- Root Causes Analysis (RCA)
- Asset Performance Management
- Master Data Optimisation
- Defect Elimination Program
- Spare Parts Management Optimisation
- Reliability Centred Maintenance (RCM) Analysis
- Maintenance Strategies & Tactics Optimisation
- Failure Mode, Effects, and Criticality Analysis (FMECA)

Maintenance

- Precision Maintenance
- Maintenance Capabilities Assessment
- Work Management Process Improvement
- Budgeting Process & Cost Control
- Material & Critical Risk Audit
- Troubleshooting & Breakdown Management
- Planning and Scheduling Processes Optimisation
- Shutdown (Turnaround) Performance Improvement
- Condition Monitoring Program Management

Asset Management

Driving better decisions across the asset lifecycle

// Poorly informed asset decisions can lead to lost value - from unnecessary interventions to unplanned downtime and reactive spending. Asset management provides the structure to understand how each asset behaves, what it costs over time, and how it contributes to the business.

At LAM, we help teams make better decisions across all stages of the asset lifecycle. We assess the technical and financial impact of each asset, supporting smarter interventions, renewals, shutdowns and long-term investments.

Our approach connects each asset to business outcomes, enabling prioritisation, better resource allocation, and alignment between maintenance, reliability and operational strategies. More than assessments, we deliver structured solutions, clear plans and hands-on implementation alongside your team.

Expected outcomes

- Improved cost visibility and lifecycle investment planning
- Smarter shutdown and replacement decisions based on business impact
- Clear alignment between critical assets and operational goals
- Lifecycle optimisation with focus on total cost of ownership
- Uplift in internal planning and decision-making capability
- Clear documentation and outputs that remain available for future planning and improvement

What we deliver in Asset Management

Alignment with ISO 55001

We guide your organisation in aligning with the ISO 55001 framework, helping define the structure, processes, and evidence required to demonstrate asset management maturity.

Deliverables may include:
- Gap analysis and alignment roadmap
- Maturity assessment against ISO 55001
- Priority actions and implementation guidance
- Support during audits or certification processes

Asset Management Assessment & Audit

We conduct structured assessments to evaluate current asset management practices, systems, and processes. Our audits are aligned with ISO 55001 and tailored to the organisation's maturity level and operational context.

Deliverables may include:
- Gap analysis report against ISO 55001 or internal standards
- Actionable recommendations and prioritised improvement plan
- Evidence mapping and system documentation review
- Stakeholder engagement and presentation of findings

Strategic Asset Management Plan (SAMP)

We develop a Strategic Asset Management Plan that connects your asset portfolio with business objectives. It defines how assets will support performance, risk, and cost targets over time.

Deliverables may include:
- SAMP document aligned with ISO 55001
- Clear links between asset decisions and organisational goals
- Roles, responsibilities, and governance structure
- Strategy for continuous improvement and review

WHAT WE DELIVER

Asset Management Plan

We translate strategy into detailed Asset Management Plans tailored to specific assets or systems. These plans define lifecycle actions, required resources, timing, and expected outcomes.

Deliverables may include:
- Asset-specific plans covering lifecycle actions
- Maintenance and intervention strategy
- Asset condition and performance indicators
- Planning horizons, budget forecasts and resource needs

Lifecycle Cost Development and Optimisation

We model the cost of asset ownership across its full lifecycle, enabling informed decisions about acquisition, operation, maintenance and disposal. The goal is to optimise value, not just reduce cost.

Deliverables may include:
- Lifecycle cost models for key asset classes
- Sensitivity analysis for key cost drivers
- Capital renewal and maintenance investment scenarios
- Insights for budgeting, planning and asset replacement strategy

Asset Management Benchmarking

We benchmark your asset management practices against industry peers and recognised standards to identify strengths, gaps and improvement opportunities.

Deliverables may include:
- Benchmarking report with internal and external comparisons
- Maturity ranking across key asset management domains
- Peer insights and recommendations for uplift
- Facilitated session to align next steps with internal stakeholders

WHAT WE DELIVER

Asset Management Coaching & Mentoring

We develop internal capability by coaching and mentoring asset owners, engineers and planners to apply asset management principles in real situations. This ensures knowledge transfer and sustainable improvement.

Deliverables may include:
- Customised coaching program for relevant roles
- Field-based mentoring with practical case work
- Learning modules aligned to ISO 55001
- Ongoing support and progress tracking

Asset Management System Audit

We review the structure, documentation, and application of your asset management system to assess whether it supports effective planning, decision-making and compliance.

Deliverables may include:
- System structure and documentation review
- Mapping of responsibilities and workflows
- Audit findings report with improvement roadmap
- Guidance on integration with other business systems

Asset Health Dashboards

We design and implement dashboards that provide a clear view of asset condition, performance, and risk. These tools support proactive decision-making and prioritisation of resources.

Deliverables may include:
- Customised asset health dashboard with key indicators
- Visualisations of risk, cost and condition data
- Integration with existing data sources (e.g. SAP, spreadsheets)
- User guidance and team training for dashboard use

Case Studies

// Asset Planning & Standards Support for Critical Assets Lifecycle

Challenge

A global mining client lacked an ISO-aligned Asset Management System. Several high-value assets were nearing end-of-life with no capital plan, exposing operations to unplanned shutdowns and rising cost-per-ton. One site alone faced hundreds of millions in potential unbudgeted investment. Inconsistent criticality definitions across sites further limited lifecycle planning and risk visibility.

Solution

LAM conducted a multi-site assessment aligned with ISO 55001, identifying key maturity gaps across systems and decision processes. We developed and implemented a standardised framework for asset prioritisation, introduced condition-based planning tools, and trained local teams to embed the new process. This enabled consistent evaluation of asset condition, lifecycle risk, and investment need across all sites.

Outcomes

- Up to 1,000 hours of potential downtime reduction per year
- Clearer CAPEX forecasting and investment prioritisation
- Greater visibility into asset condition and lifecycle risk
- Stronger ISO 55001 alignment across operations
- Scalable, consistent decision-making across sites

// Asset Management Plan Strategies with FMECA

Challenge

A Tier 1 mining client's Infrastructure & Services department was responsible for a diverse and critical portfolio — including HV systems, villages, warehousing, and water infrastructure. However, the site lacked a standardised, ISO-aligned Asset Management Plan (AMP) process. With limited visibility into asset risks and failure modes, and no scalable approach in place, the client needed expert guidance to lead the development of a consistent framework

Solution

LAM supported the development of a structured AMP aligned with ISO 55001. We began with a pilot FMECA on a medium-sized village, identifying over 75 failure modes. The top 5 were prioritised using a severity and likelihood matrix. We facilitated stakeholder workshops, developed reporting and planning templates, and introduced a risk-based prioritisation framework designed to be scaled across additional assets.

Outcomes

- Risk matrix and prioritisation framework implemented
- Consistent AMP structure and templates in place
- Improved visibility into asset risks and failure models
- Six-figure savings on the client's initial spare parts order
- Stakeholder alignment across Reliability, Maintenance, and Operations
- Foundation established for CMMS integration and future AMP rollouts

LEAD ASSET MANAGEMENT

Contact Us

Whether you're planning a new project or looking to improve an existing operation, we're here to help you make it ready - reliably, efficiently, and with measurable impact.

Speak to our team to explore how we can support your goals.

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Experts in **Asset** Management | **Maintenance** **Reliability** Engineering | **Engineering** Projects