

The background of the slide features a 3D perspective view of numerous white cubes. Each cube has a black L-shaped line drawn on its top surface. These cubes are interconnected by a network of thin black lines, creating a complex, grid-like structure that recedes into the distance.

Maintenance Excellence

Increasing Reliability

Beyond Maintenance – Asset Optimisation

10-15%

Equipment Reliability Increase

Transform from reactive to proactive approaches through predictive strategies and front-line engagement.

10-20%

MTBF Improvement

Increase Mean Time Between Failures through advanced analytics and systematic root cause elimination.

5-10%

OEE Improvement

Enhance Overall Equipment Effectiveness through comprehensive asset lifecycle optimization strategies.

Measurable Results in 90 Days

Comprehensive asset strategy implementation with integrated reliability-centered maintenance approach.

Maintenance Excellence Approach

Increasing Reliability



Performance & Capability Consultants



Building One Team Mindsets which align Maintenance Activities and Operations goals to accelerate decision-making, reduce response times, and enhance work quality.

Optimize Asset Management strategies through data-driven maintenance mix selection (time-based, condition-based, predictive) to maximize uptime and minimize unplanned outages.

Establish robust Core Meeting Cadence (CMC) to drive performance visibility, eliminate operational barriers, and improve critical business decisions.

Front-Line Engagement, connecting maintenance teams daily activities to the asset management strategy and operational requirements.

Deploy systematic Root Cause Analysis processes to eliminate high-impact equipment failures, supported by dedicated Agile improvement teams.

Implement proven continuous improvement methodologies to progressively enhance process efficiency and asset reliability performance.

Strengthen turnaround execution readiness through targeted sessions that optimize schedules and validate implementation plans.

Transform leadership and supervisory capabilities through hands-on training in practical tool application, reinforced with on-site coaching and follow-up.

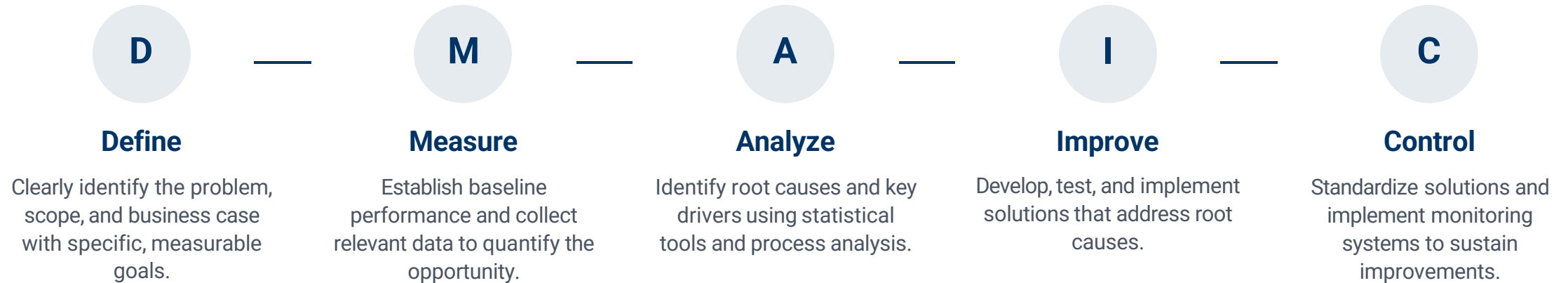
Maintenance Excellence Approach

DMAIC - Agile Improvement Teams



Performance & Capability Consultants

Agile Improvement Teams apply the structured DMAIC methodology to systematically address specific opportunity areas. This disciplined approach ensures measurable, sustainable results through cross-functional collaboration and data-driven decision making.



Target Opportunity Areas

Agile teams focus on high-impact areas including unplanned downtime reduction, operational bottlenecks, workflow optimization, and quality variability to deliver rapid, measurable performance gains.

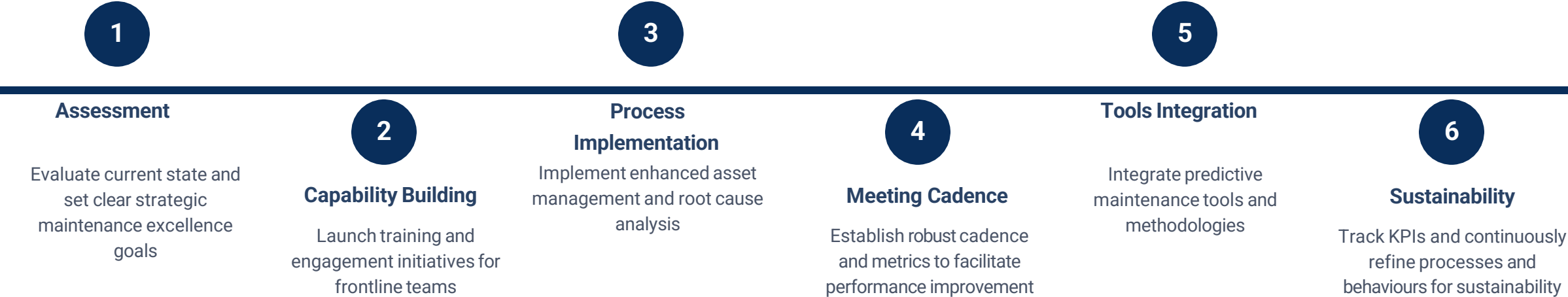
Measurable Outcomes

DMAIC initiatives typically deliver 15-25% performance improvement in target areas with sustainable results through standardized processes and capability building.

Maintenance Excellence Approach

Implementation Roadmap to Success

A structured approach to transforming maintenance practices and achieving operational reliability



Guaranteed Outcomes

Increased Asset Reliability • Reduced Maintenance Costs • Extended Equipment Life • Minimized Downtime • Enhanced Operational Efficiency • Sustainable Capability

Maintenance Excellence Approach

Key Success Factors



Performance & Capability Consultants

Transform Breakdown Culture: Achieve Increased Reliability by Shifting Effort to Proactive Maintenance

80% Proactive

People

Close Maintenance-Operations alignment for agile decision-making.

Engaged frontline teams connecting daily activities and KPIs to Operations goals.

Leadership actively supports using data driven decision making and continuous improvement.

Team mindsets shift from 'fire fighting' to increased control and predictability.

Process

Comprehensive Asset Management evaluation drives strategy.

Bad Actor process with data prioritization for major issues.

Robust Work Order Management with regular reviews.

Healthy backlog management (4-6 weeks of work).

Documented and flexible work planning process.

Technology

Integrated Predictive Maintenance program including:

- Oil analysis
- Vibration analysis
- Radiography
- Ultrasonic testing
- Infrared camera inspection
- Electrical voltage testing