Mopex Consulting

LEAN Framework

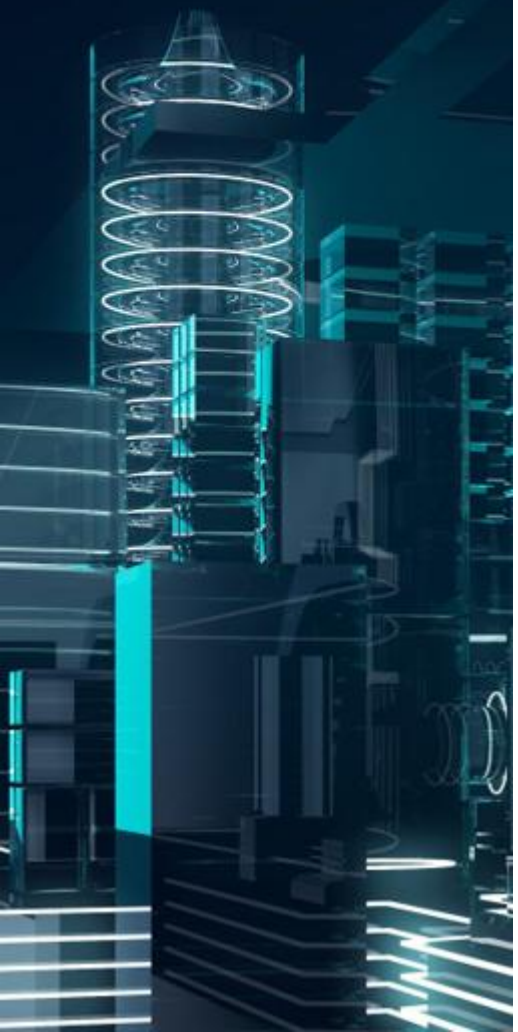
Operational Excellence, made measurable

Mopex Consulting Ltd

Mopex
Consulting

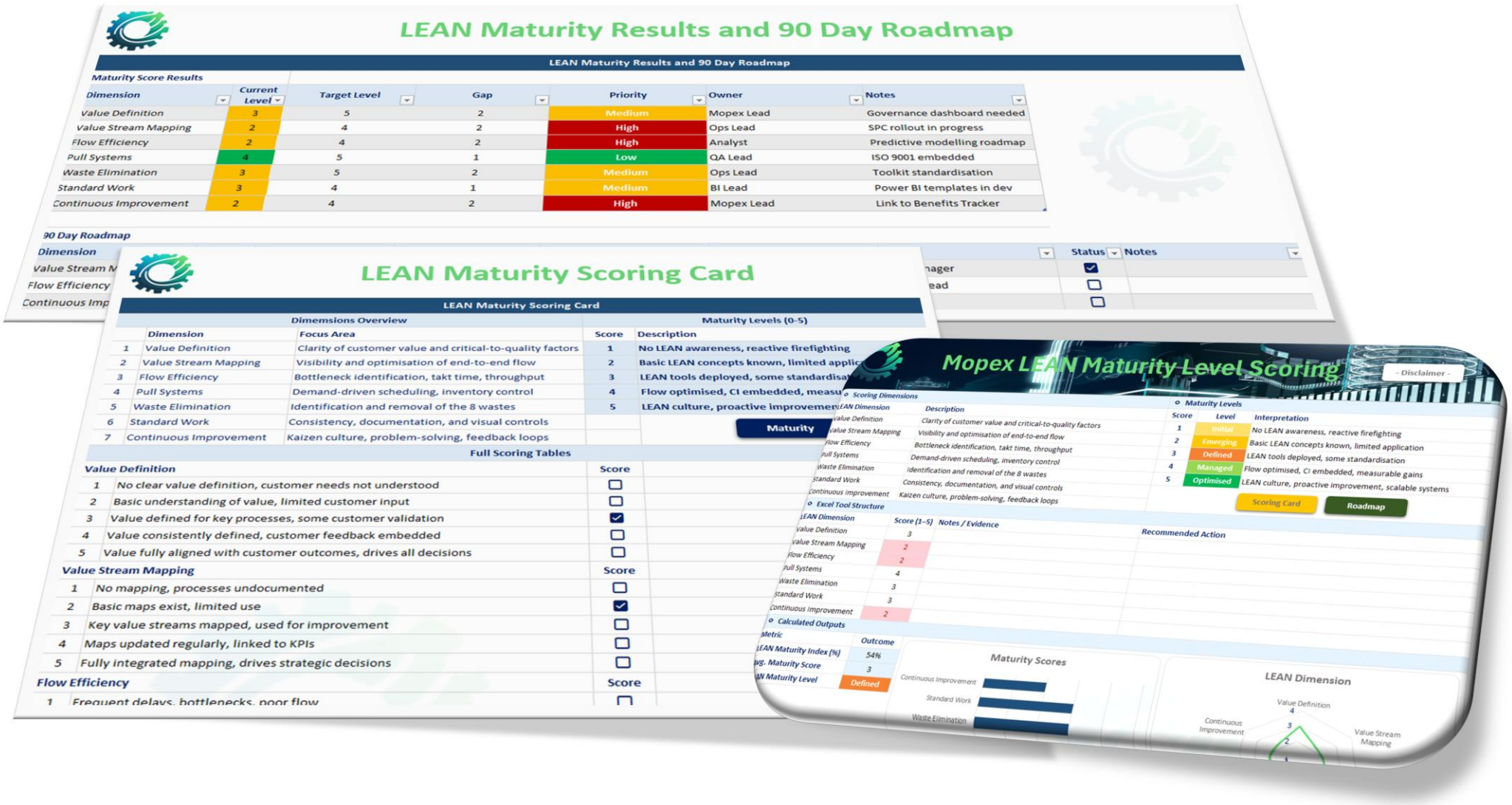
Operational Excellence, made measurable

Mopex LEAN Framework



Deliver measurable operational improvements by applying LEAN principles to reduce waste, improve flow, and enhance customer value.

Pre-Project Assessments



Mopex LEAN Project Framework

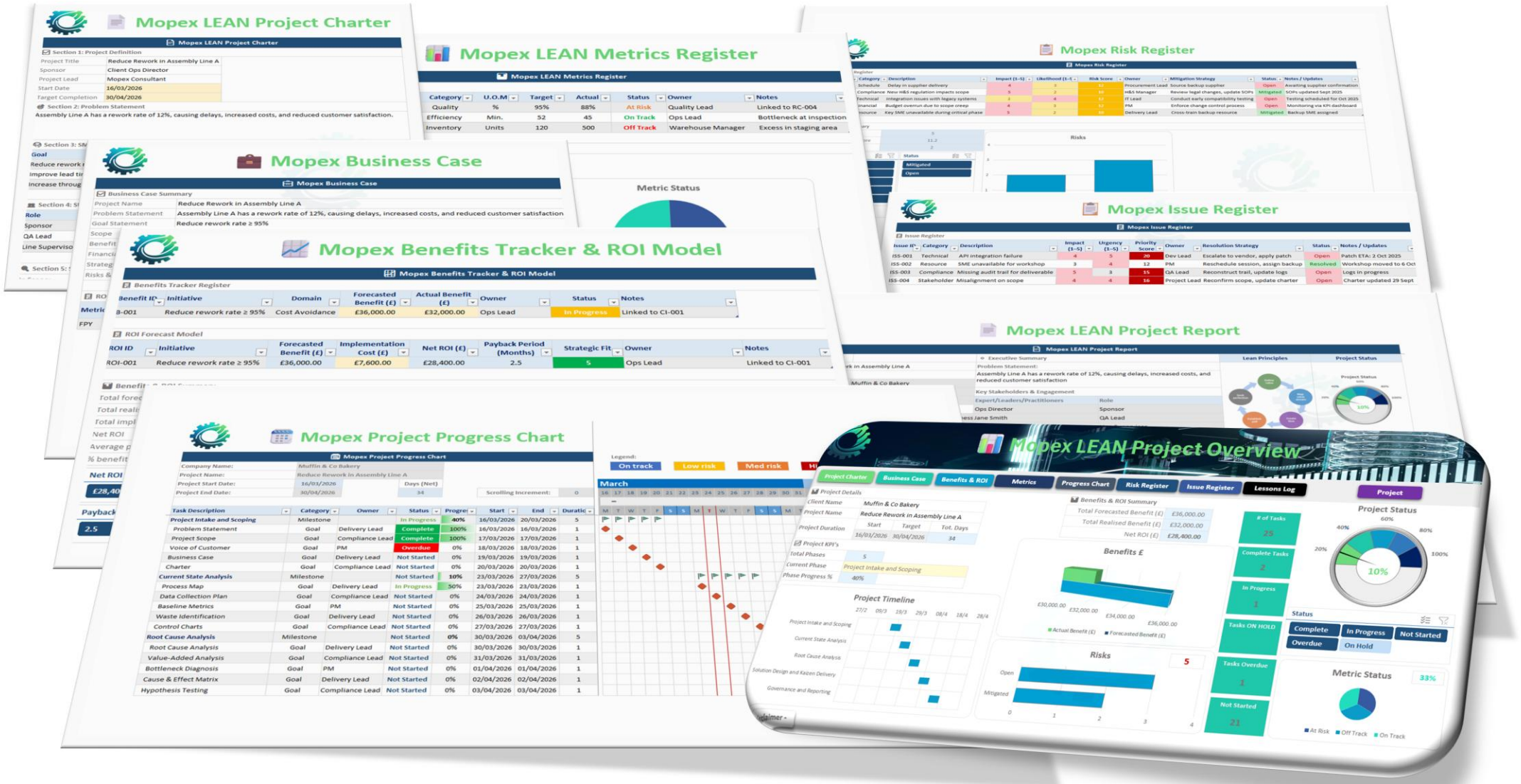
Purpose: Deliver measurable operational improvements by applying Lean principles to reduce waste, improve flow, and enhance customer value.

Use Cases	Service Description
Manufacturing and service process optimisation	◦ **Phase 1: Project Intake & Scoping**
Quality and compliance improvement	Purpose: Define the opportunity, scope, and success criteria.
Cost reduction and efficiency gains	◦ **Phase 2: Current State Analysis**
Cross-functional workflow redesign	Purpose: Understand the process, identify waste, and validate pain points.
	◦ **Phase 3: Root Cause Analysis**
	Purpose: Validate causes of inefficiency or defects.
	◦ **Phase 4: Solution Design & Kaizen Delivery**
	Purpose: Implement targeted improvements through rapid cycles.
	◦ **Phase 5: Control & Sustainment**
	Purpose: Lock in gains and prevent backsliding.

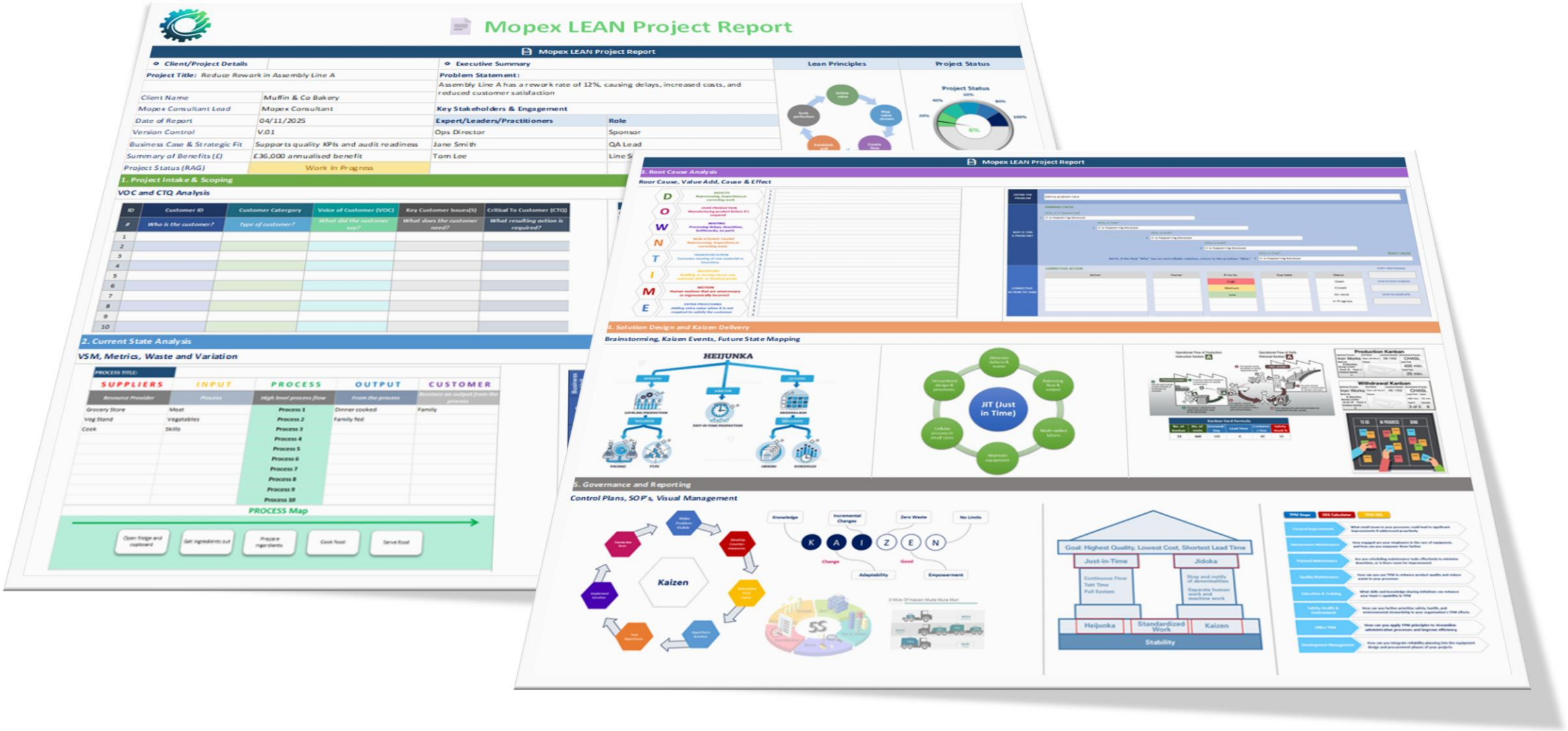
Mopex LEAN Toolkit (Suggested Assets)

Asset	Format	Purpose
Project Charter Template	Word	Define scope and objectives
SIPOC & VSM Templates	Excel/Visio	Map current and future states
Waste Diagnostic Checklist	Excel	Identify and categorise waste
Root Cause Analysis Pack	Word/Excel	Analyse and prioritise causes
Kaizen Event Planner	Excel	Structure rapid improvement
Control Plan Template	Excel	Sustain gains and monitor KPIs
Benefits Tracker & ROI Model	Excel	Quantify impact and payback
Report-Out Slide Deck	PowerPoint	Communicate results to client

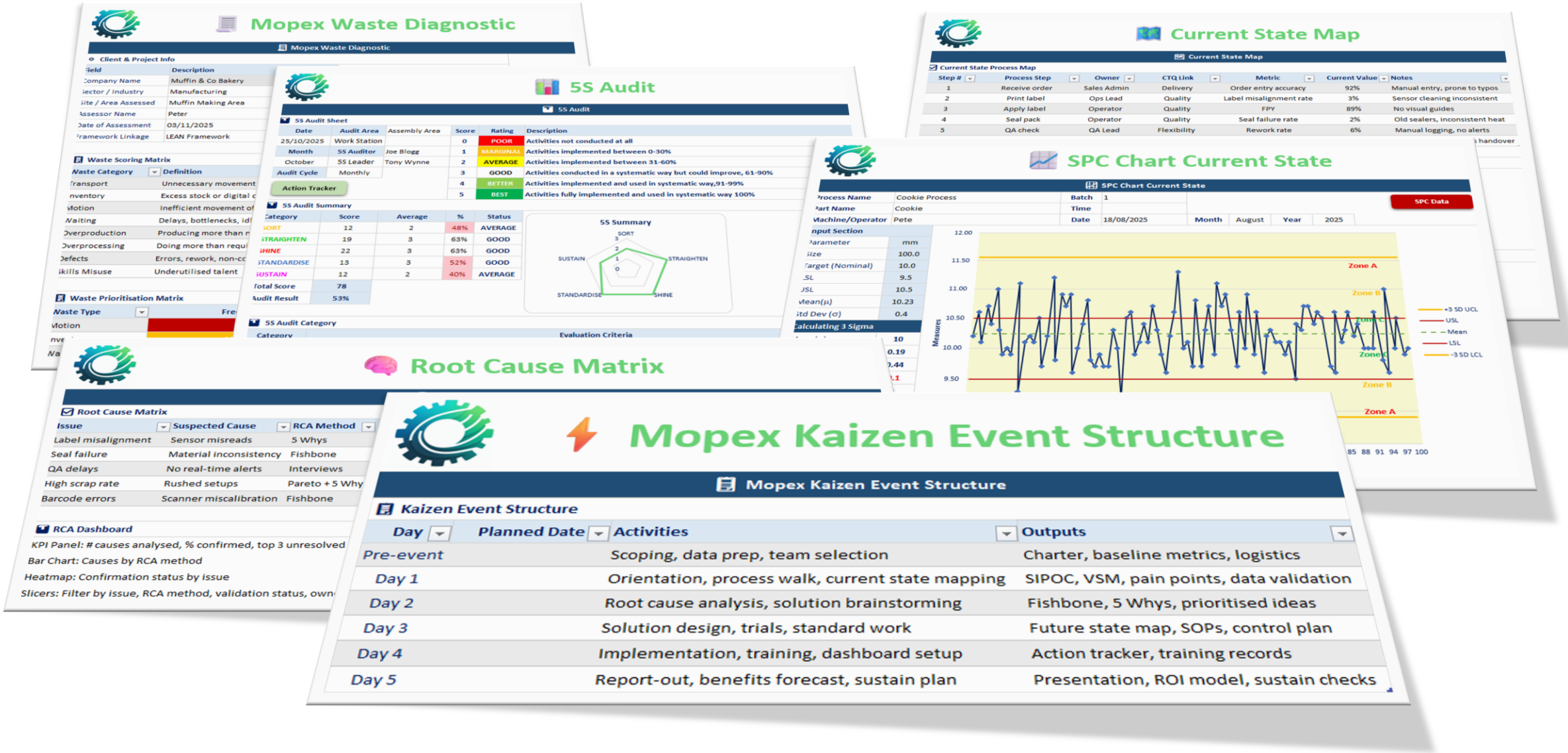
LEAN Project Tracking Documents linked to Dashboard



LEAN A3 Project Reporting



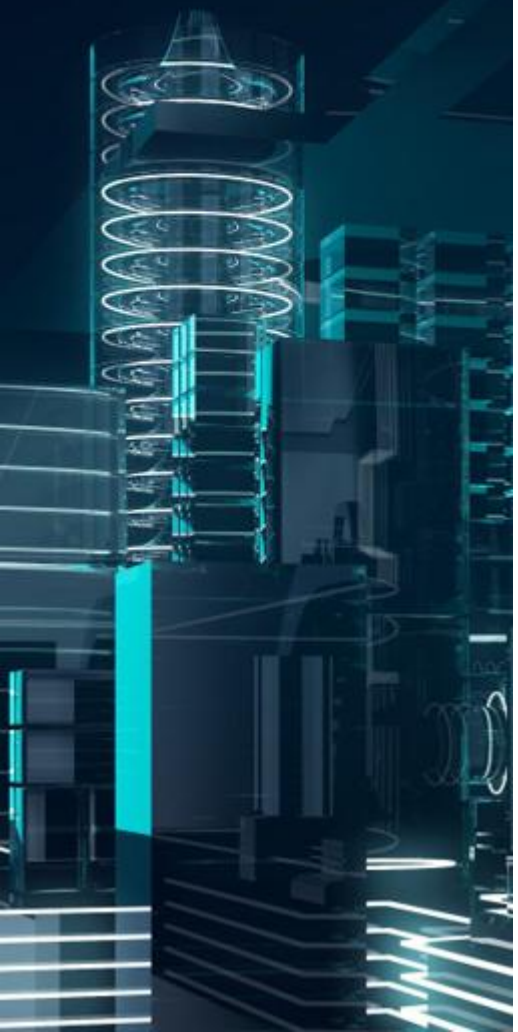
Some LEAN Project Tools



Mopex
Consulting

Operational Excellence, made measurable

Mopex LEAN Framework



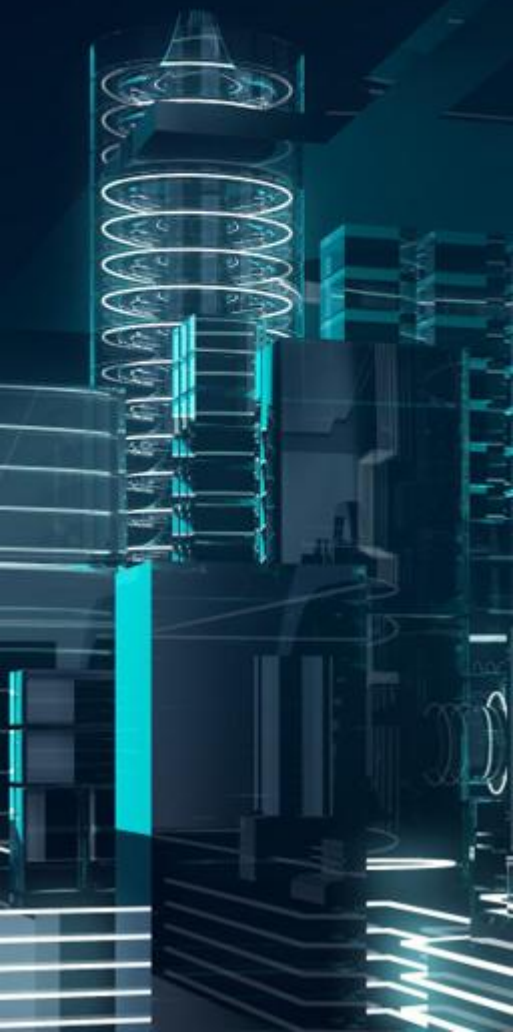
Mopex LEAN Project Deliverables

Mopex LEAN Project Framework			
Phase	**Element**	**Description**	**Check**
Phase 1	*Project Intake and Scoping*		
	Problem Statement	"High defect rate in final assembly"	☐
	Project Scope	Boundaries, exclusions, stakeholders	☐
	Voice of Customer	CTQs, expectations, pain points	☐
	Business Case	ROI, strategic alignment, urgency	☐
	Charter	Roles, timeline, success criteria	☐
Phase 2	*Current State Analysis*		
	Process Map	SIPOC / Swimlane / Value Stream	☐
	Data Collection Plan	Metrics, sources, frequency	☐
	Baseline Metrics	Cycle time, defect rate, WIP, lead time	☐
	Waste Identification	TIMWOOD categories (7 wastes)	☐
	Control Charts	Variation and stability analysis	☐
Phase 3	*Root Cause Analysis*		
	Root Cause Analysis	Fishbone, 5 Whys, Pareto	☐
	Value-Added Analysis	VA/NVA breakdown	☐
	Bottleneck Diagnosis	Flow constraints	☐
	Cause & Effect Matrix	Prioritise drivers of waste	☐
	Hypothesis Testing	Validate assumptions	☐
Phase 4	*Solution Design and Kaizen Delivery*		
	Solution Generation	Brainstorming, benchmarking	☐
	Kaizen Events	Rapid improvement workshops	☐
	Future State Mapping	Redesigned process flow	☐
	Pilot Implementation	Test changes in controlled setting	☐
	Risk Assessment	FMEA / mitigation planning	☐
Phase 5	*Governance and Reporting*		
	Control Plan	Monitoring, response triggers	☐
	SOP Updates	Standardisation of new process	☐
	Visual Management	Dashboards, boards, trackers	☐
	Audit Schedule	Sustainment checks	☐
	Benefits Realisation	ROI, savings, performance uplift	☐

Mopex
Consulting

Operational Excellence, made measurable

Mopex LEAN Framework



LEAN Project Pricing

📦 Mopex LEAN Project Framework				
Fixed Fee Model	**Deiverables**	**Duration (W)**	**Tier Range**	**Price Range**
OpEx Lite	Diagnostic + Roadmap	2–4	Bronze	£2,280–£3,800
OpEx Core	LEAN Principles to reduce waste	6–8	Silver	£7,600–£11,400
OpEx Plus	OpEx Core + Training + Dashboard	6–12	Gold	£11,400–£19,000
OpEx Enterprise (Retention)	Monthly LEAN CI Governance	TBC	TBC	TBC
Milestone Model	**Deliverables**	**Timing**	**% of Total Fee**	
Kickoff & Current State	Value stream map, waste audit, stakeholder alignment	Week 1–2	20%	
Future State Design	Lean redesign, flow improvements, 5S plan	Week 3–4	25%	
Pilot & Kaizen	Rapid improvement events, pilot results	Week 5–6	25%	
Sustain & Scale	SOPs, control plan, training pack	Week 7–8	20%	
Bonus ROI Pack	ROI forecast, Lean dashboard, comms assets	Optional	10%	
Month Model	**Deliverables**	**Timing**	**Fee (£)**	
Month 1	Waste diagnostic, process walk, Kaizen event, updated SOPs	1	**£5,000.00**	
Month 2	Final waste map, control actions, training handover	0.5	**£2,600.00**	

OpEx Core Package Example £7,600.00

Mopex ROI Forecast Model for LEAN Projects

Mopex ROI Forecast Model for LEAN Projects - it's designed to quantify the financial impact of waste elimination, process optimisation, and flow improvement under the Mopex LEAN Framework.

1. Cost Inputs

Category	Typical Range
Mopex Implementation Fees	£20,000–£50,000 (fixed or day rate)
Internal Resource Allocation	80–250 hours (client-side)
Tooling & Digital Assets	£3,000–£12,000 (Notion, Power BI, Mopex templates)
Kaizen Event Costs	£2,000–£8,000 (venue, facilitation, materials)
Change Management & Training	£2,000–£6,000

2. Value Drivers

Driver	Mopex Impact Range
Waste Elimination (TIMWOODS)	20–60% reduction in non-value-add activities
Cycle Time Reduction	15–35% faster process execution
Productivity Uplift	10–30% increase in throughput
Defect & Rework Reduction	25–50% fewer errors and rework incidents
Cost Avoidance (Labour & Materials)	£15k–£150k saved annually
Capacity Release	Equivalent to 0.5–2 FTEs freed for redeployment

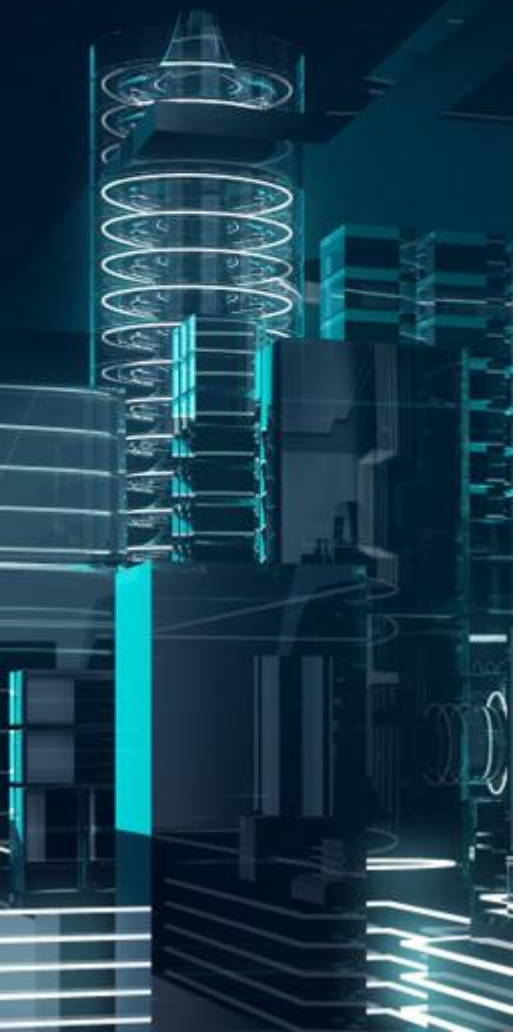
3. Example ROI Scenarios

Scenario	Cost (£)	Value (£)	ROI (%)
SME, LEAN pilot in production cell	£30,000	£110,000	267%
Mid-size, multi-team Kaizen rollout	£50,000	£190,000	280%
Enterprise, LEAN + DMAIC integration	£70,000	£280,000	300%

Mopex
Consulting

Operational Excellence, made measurable

Mopex LEAN Framework



LEAN Project Tools Available

LEAN Project/Stand-alone Tool Kits