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LEAN Framework

Operational Excellence, made measurable

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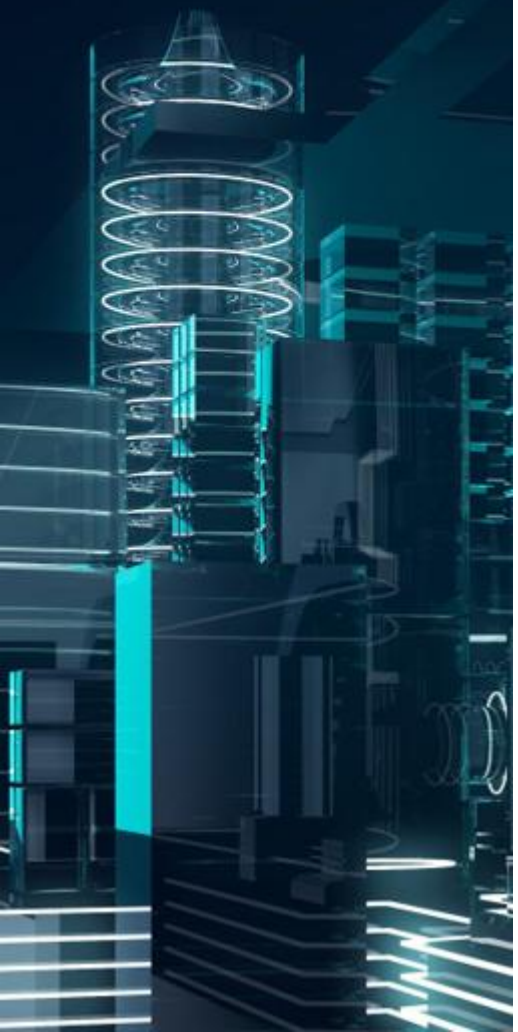
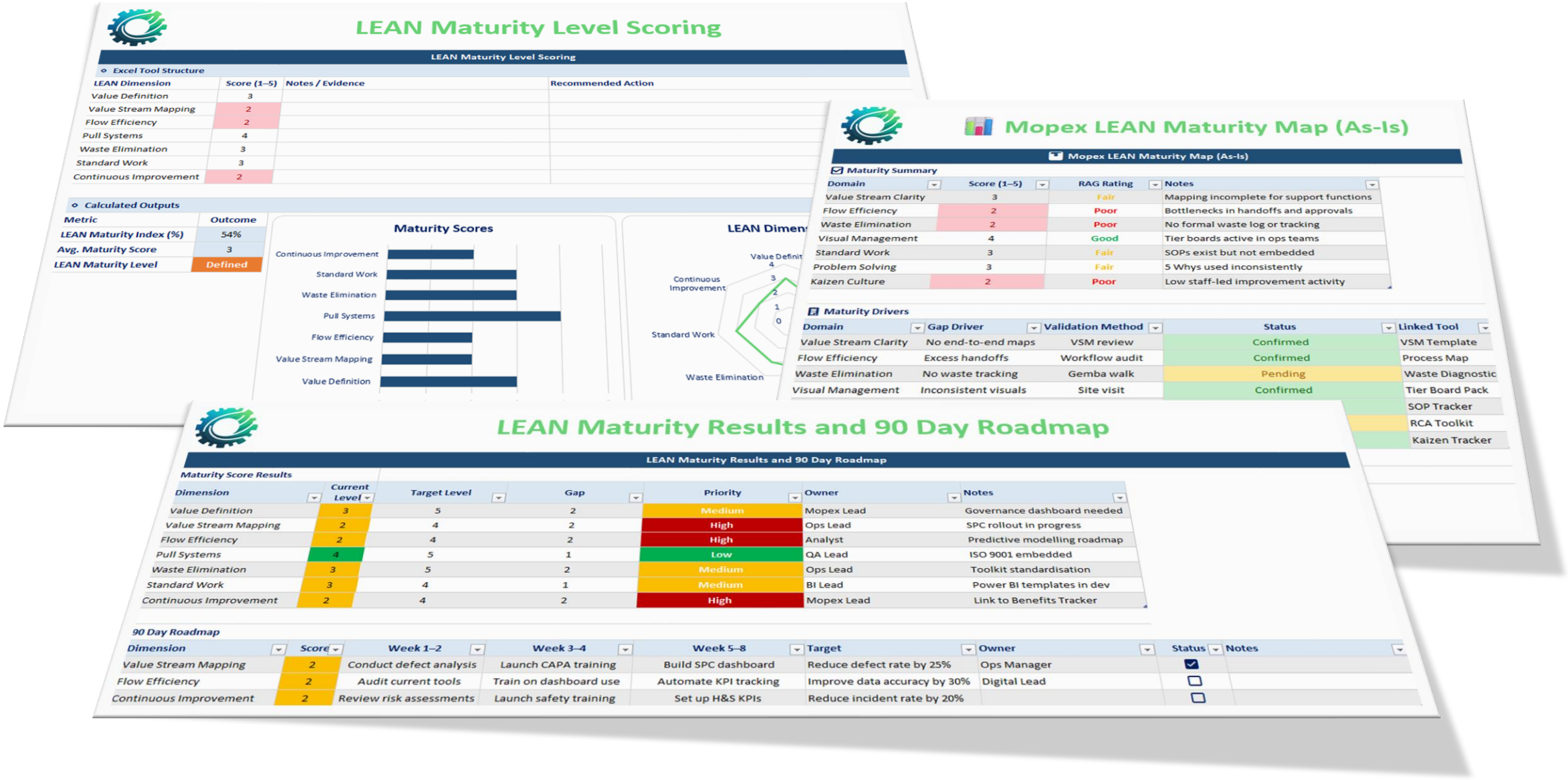


Deliver measurable operational improvements by applying LEAN principles to reduce waste, improve flow, and enhance customer value.

Pre-Project Assessments



Mopex LEAN Project Framework

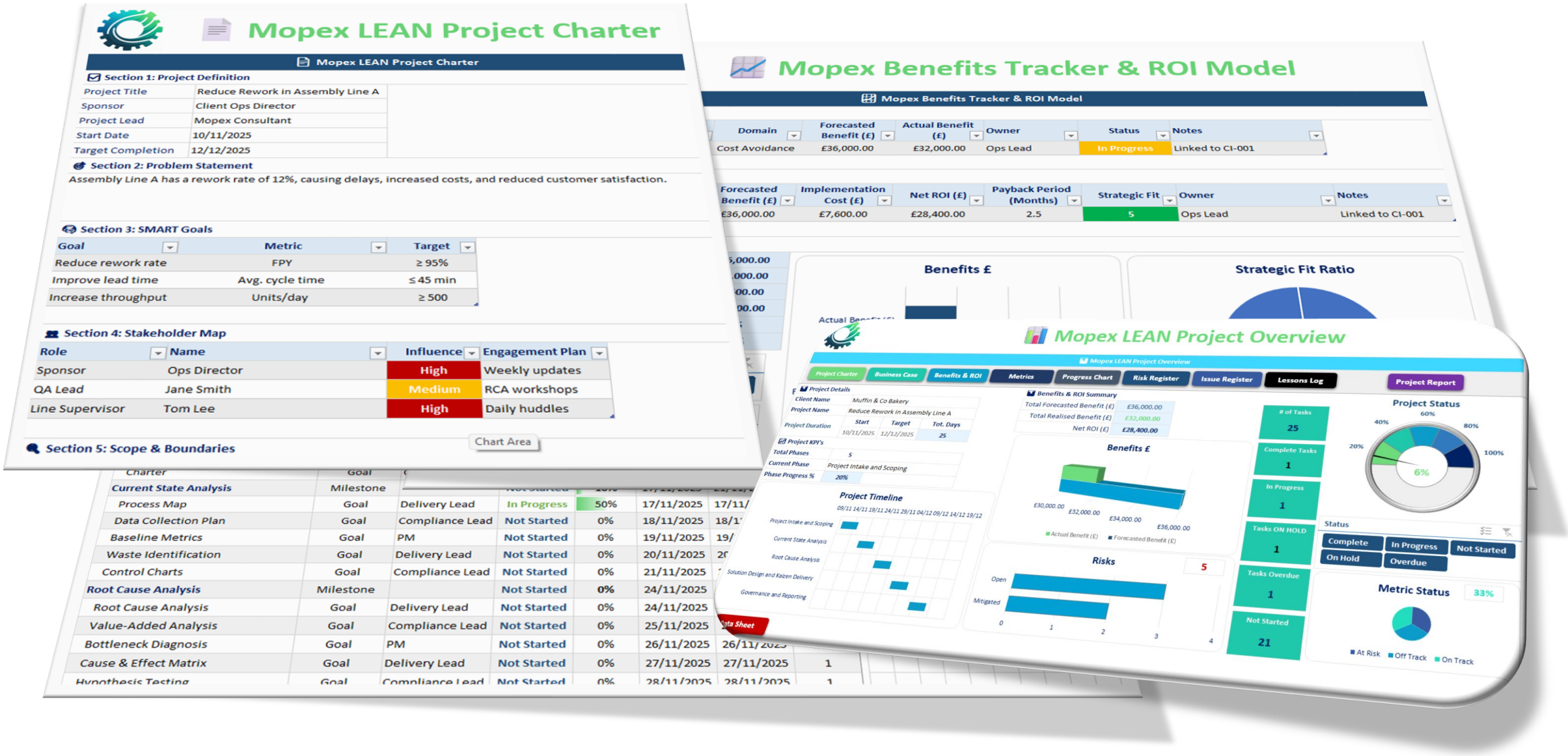
Purpose: Deliver measurable operational improvements by applying Lean principles to reduce waste, improve flow, and enhance customer value.

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.

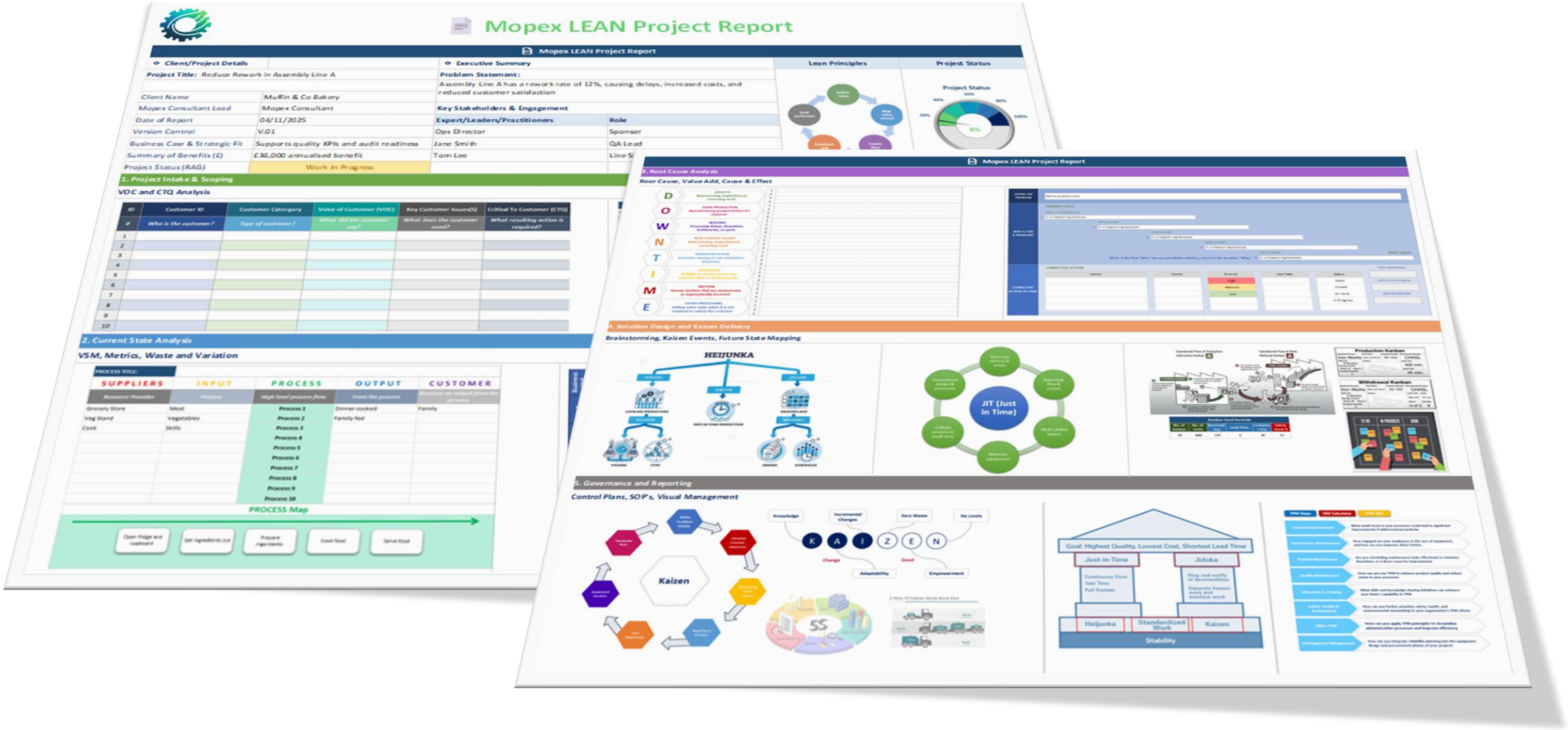
Mopex LEAN Toolkit (Suggested Assets)

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

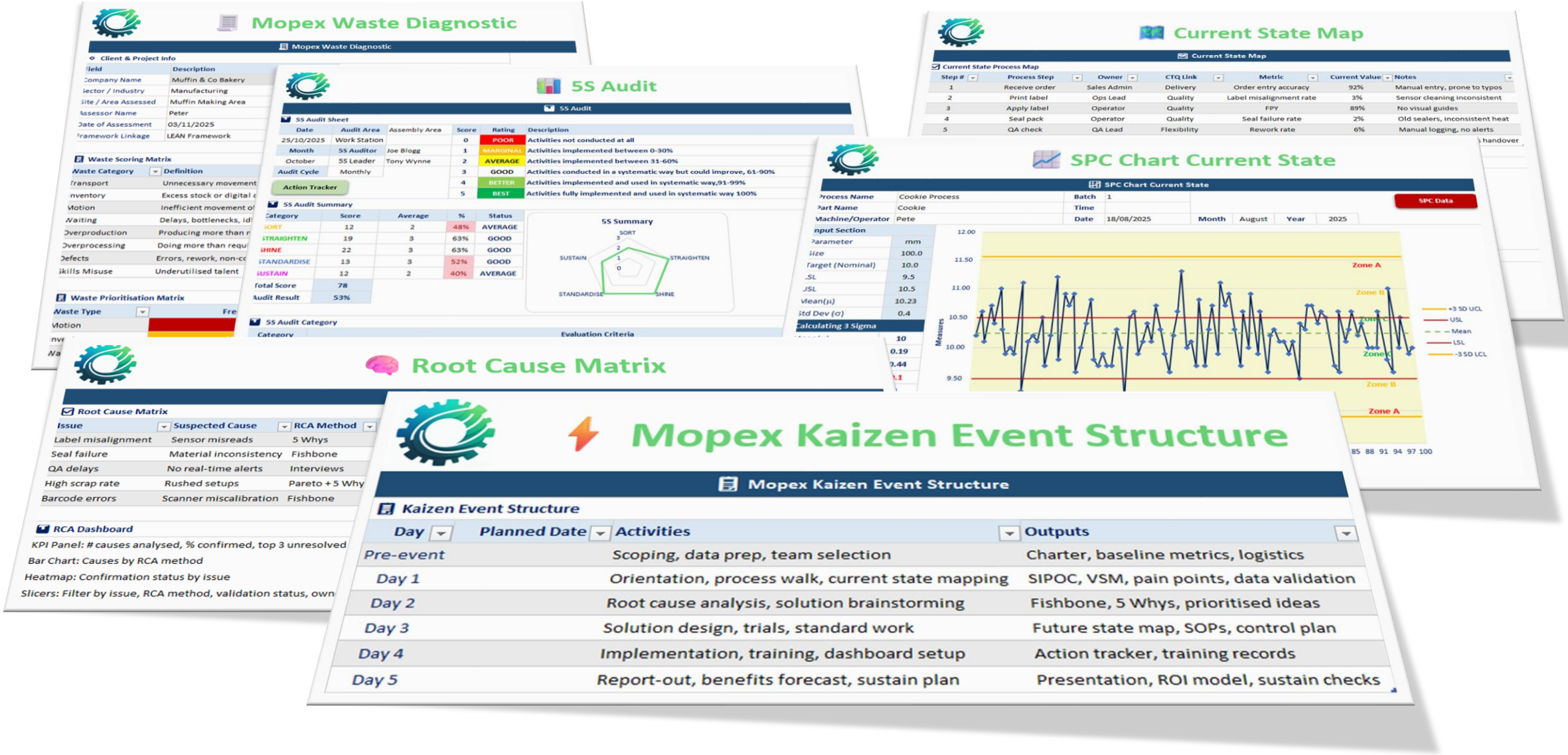
LEAN Project Tracking Documents linked to Dashboard



LEAN A3 Project Reporting



Some LEAN Project Tools



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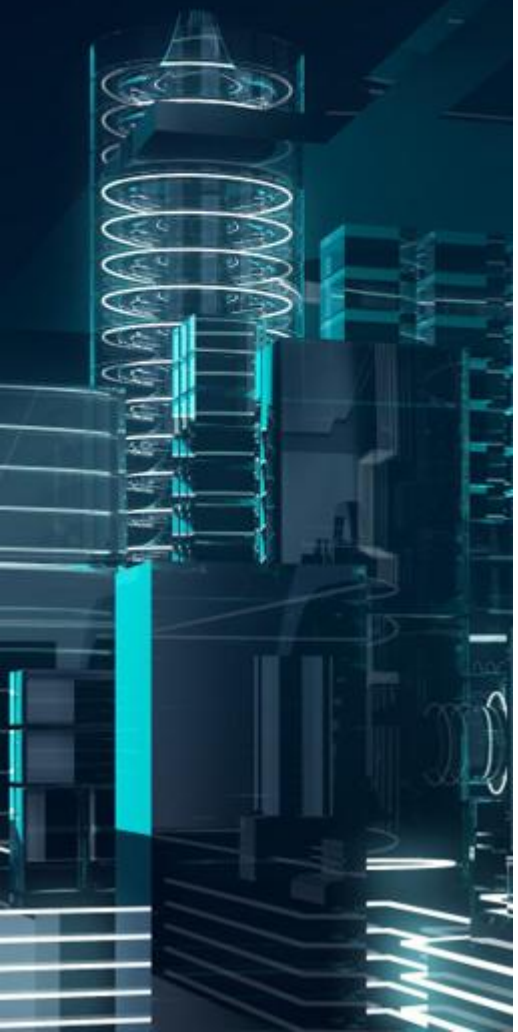

Mopex LEAN Project Deliverables

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	☐

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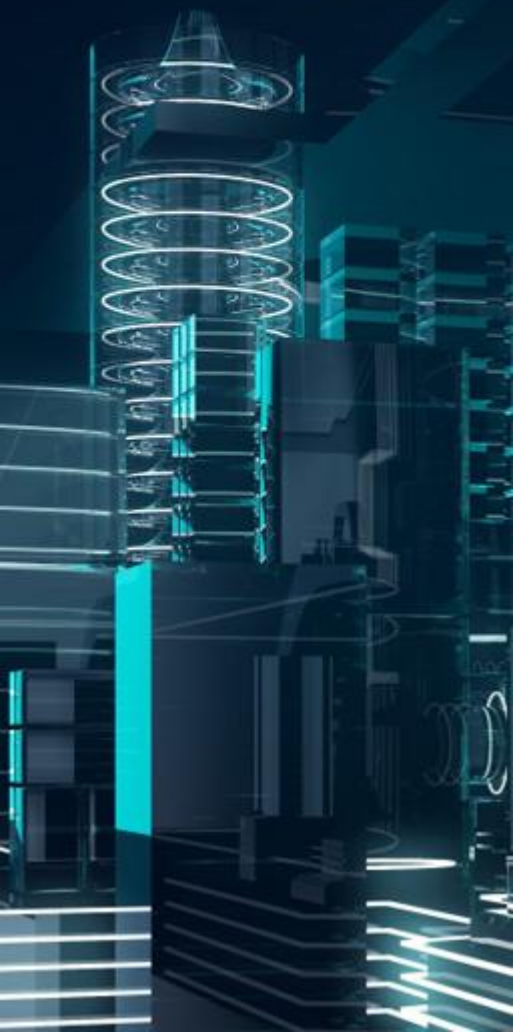

LEAN Project Pricing

📦 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%

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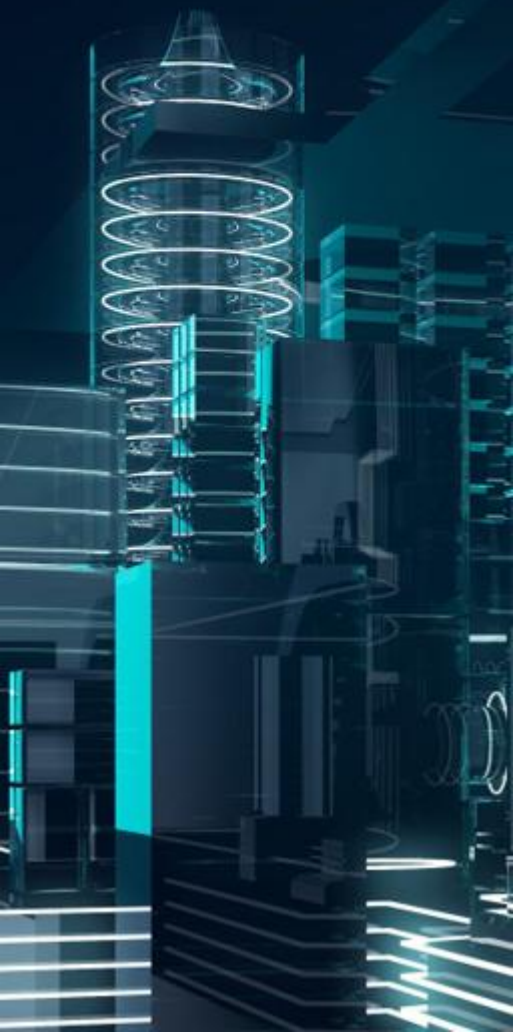

LEAN Project Tools Available

LEAN Project/Stand-alone Tool Kits