BRICKENDON QUALITY MATURITY MODEL AND KEY PERFORMANCE INDICATORS

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CHALLENGES OF TRADITIONAL APPROACH TO SOFTWARE QA

LONG TIME TO MARKET

Traditional approach to software development means long test cycles and releases of big builds of code

LOW QUALITY CODE RELEASED INTO PRODUCTION

Big builds of code may result in higher number of defects and integration issues

HIGH COST OF QA EFFORT

Manual QA processes come with a large headcount and price tag

INEFFICIENCY AND LOW TRANSPARENCY

Lack of communication, collaboration, unified automated tools and group silos. Low process transparency
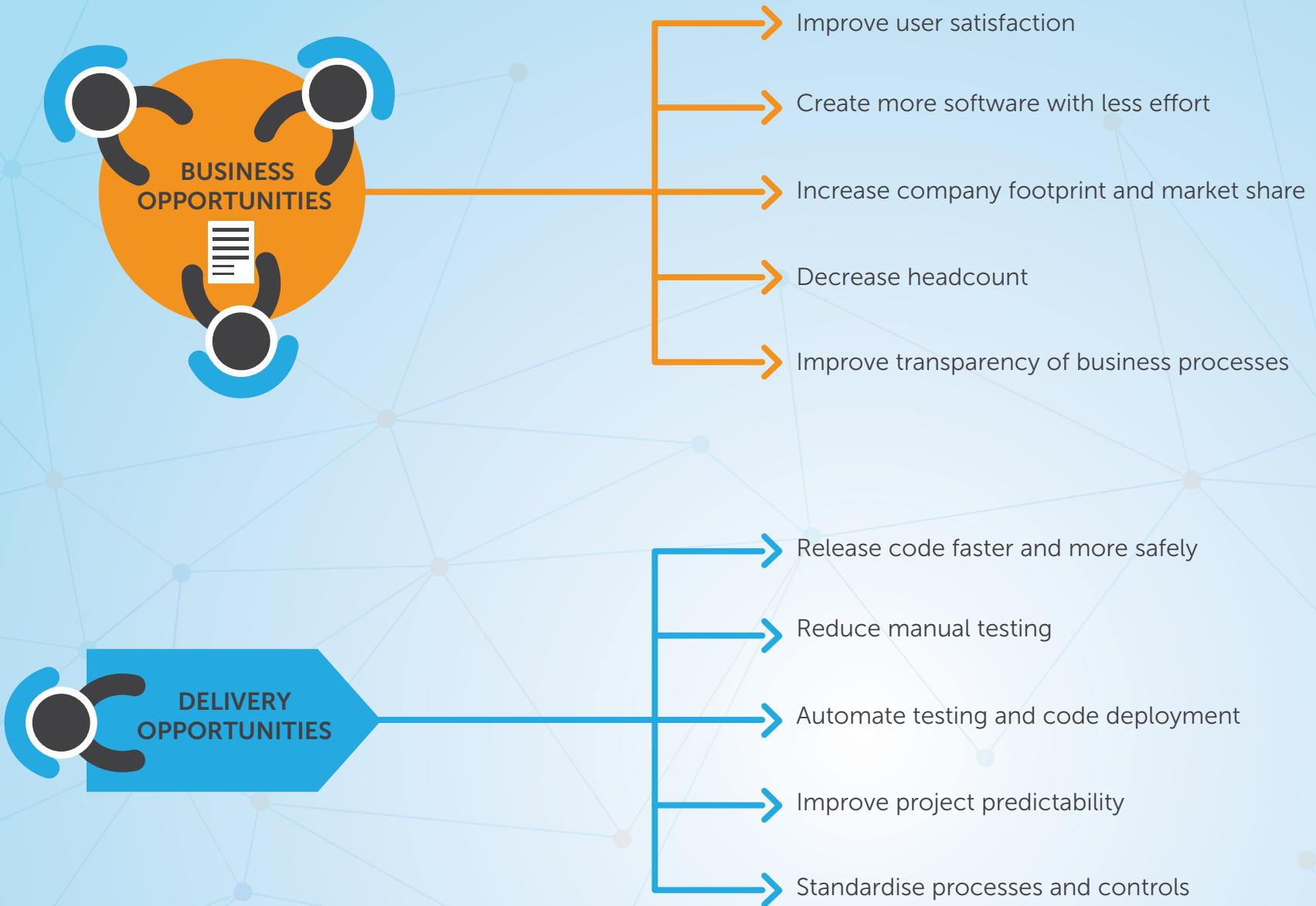
UNPREDICTABLE PROJECT OUTCOME

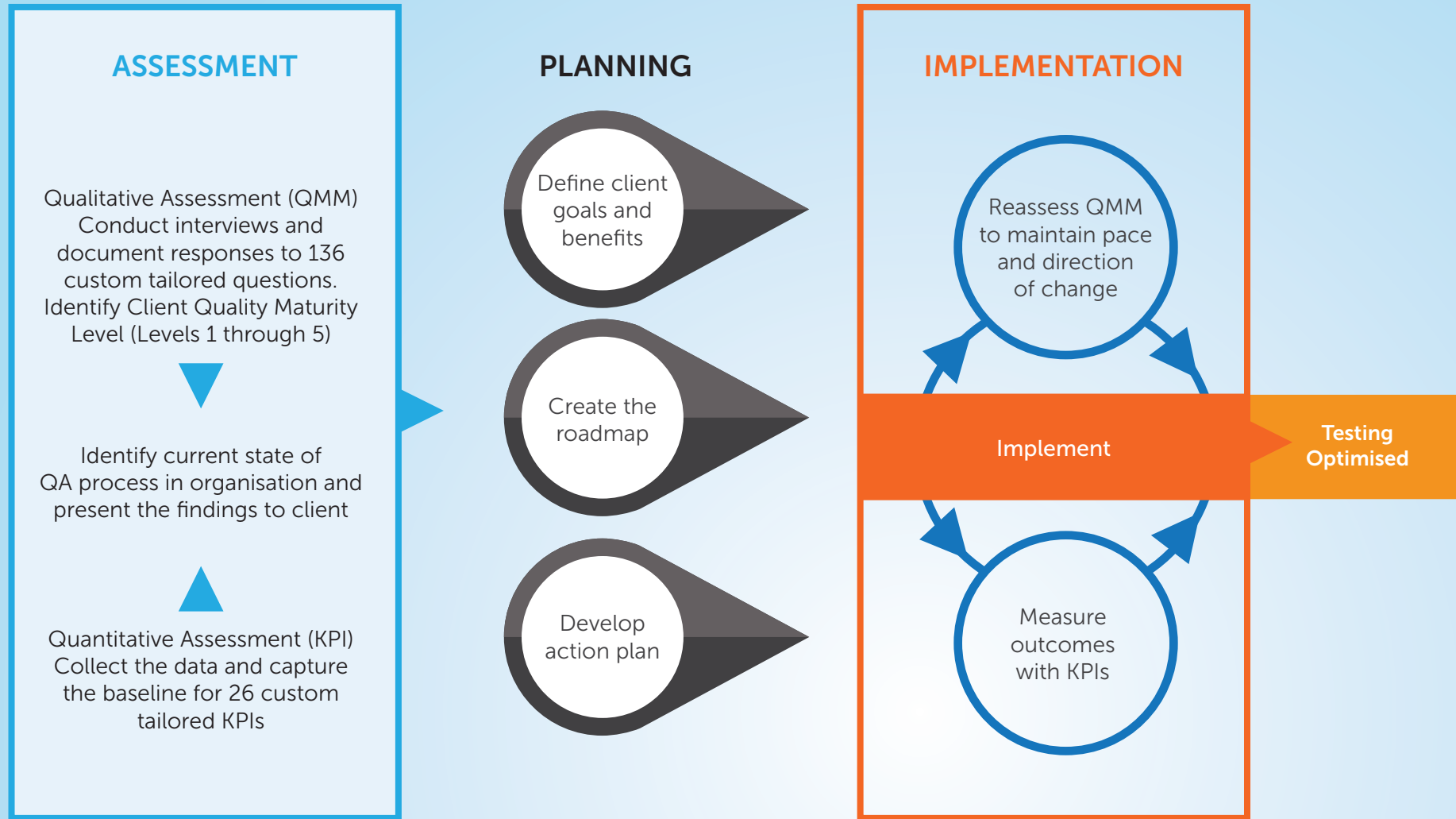Failure to leverage key process indicators can lead to high business risks and project failure

NON-EVIDENCE BASED APPROACH TO OPTIMISATION

Optimising the process of software development requires tools to measure the progress

QMM AND KPI ASSESSMENT OPPORTUNITIES

BUSINESS OPPORTUNITIES

- Improve user satisfaction
- Create more software with less effort
- Increase company footprint and market share
- Decrease headcount
- Improve transparency of business processes

DELIVERY OPPORTUNITIES

- Release code faster and more safely
- Reduce manual testing
- Automate testing and code deployment
- Improve project predictability
- Standardise processes and controls

BRICKENDON QA OPTIMISATION SOLUTION

ASSESSMENT

Qualitative Assessment (QMM)
Conduct interviews and document responses to 136 custom tailored questions. Identify Client Quality Maturity Level (Levels 1 through 5)

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Identify current state of QA process in organisation and present the findings to client

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Quantitative Assessment (KPI)
Collect the data and capture the baseline for 26 custom tailored KPIs

PLANNING

Define client goals and benefits

Create the roadmap

Develop action plan

IMPLEMENTATION

Reassess QMM to maintain pace and direction of change

Implement

Measure outcomes with KPIs

Testing Optimised

BENEFITS OF BRICKENDON QMM AND KPI SOLUTION

TRANSPARENCY ACROSS THE BUSINESS AREAS

Leveraging Brickendon's Quality Maturity Questionnaire for assessment of the QA process eliminates ambiguity and increases transparency across business areas in an organisation

FASTER TIME TO MARKET

Brickendon's QMM and KPI Solution includes a tailored roadmap of improvements that accelerate the time to market, the process of delivery and user experience

MEASURABLE IMPROVEMENTS

Implementing Brickendon's QMM and KPI Solution measures the initial state of QA and tracks progress towards the client's business goals

INCREASED EFFICIENCY OF QA

Custom tailored Action Plan created to meet the client's business needs. Each section is designed to improve the efficiency of QA throughout SDLC, and comes from the Brickendon consultants' extensive knowledge of the industry

IMPROVED QUALITY OF PRODUCT

The Brickendon Action Plan establishes quality gates and controls that focus on defect prevention, which results in improved product quality

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