



Process Optimisation Services

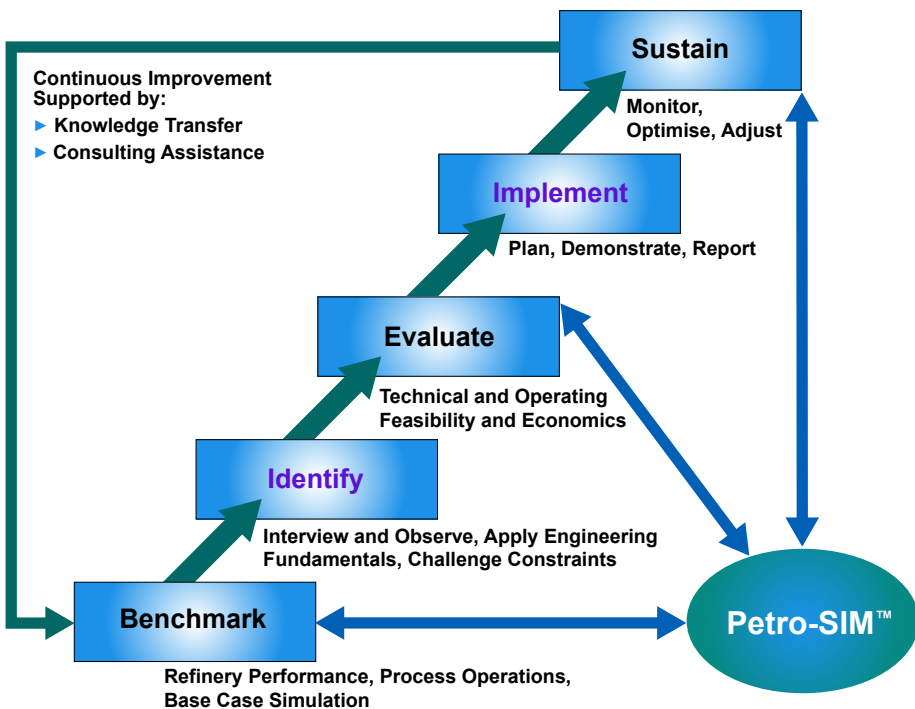
Process optimisation is an important piece of the puzzle and KBC helps it all fit together. As process change experts, KBC assists clients around the world in improving and optimising hydrocarbon processes, and we have done so for almost three decades. Our proven methodologies, exclusive technologies, and unparalleled operational and process experience, enable us to help our clients achieve and sustain Operational Excellence (OpX) .

METHODOLOGY

KBC works closely with our clients' operational and management teams to tailor solutions specifically to their unique needs and priorities. KBC helps clients find innovative ways to improve the profitability and efficiency of their business, thus allowing them to get the most out of existing assets within real constraints of the business environment.

SERVICES

To help our clients achieve and sustain Operational Excellence (OpX), KBC process technology experts help optimise existing facilities.



A few of the ways we do this are through services like:

- Analysing Current Processes
- Benchmarking, Gap Analysis, and Unit Modelling
- Defining Process Effects and Impact
- Developing Maximum Revenue Scenarios with Flowsheets if Required
- Ensuring Technical Feasibility
- Identifying Potential Process Opportunities
- Performing Comprehensive Competitive Analysis Reviews for Petrochemical Facilities
- Determining Benefits Based on Established Product Pricing and Utility Costs
- Performing Energy Reviews/Assessments
- Assisting with Implementation and Monitoring the Results
- Re-benchmarking as Part of a Continuous Improvement Cycle for Sustained Benefits

Benchmarking and Optimisation

(Continued)

WHY KBC FOR PROCESS OPTIMISATION SERVICES?

KBC is well-established, global consulting company with a broad base of both process and business experience. KBC possesses the tools and resources to provide clients with a robust set of offerings from strategy development through operational issues to management consulting and training services.

From an OpX perspective, KBC uses proven methodologies and tools to optimise a facility from both an asset and people perspective. Petro-SIM™, our proprietary simulation package, along with our unit modelling tools (KBC SIM Models), provides KBC the ability to accurately predict key product qualities with assay handling. This technology also gives us a direct link with key design tools and detailed heater modelling for accurate flow regime and coking predictions.

By applying proven methodologies to unique client situations and utilising the best people and technologies available, KBC can help take Operations Excellence from an idea to a reality.

™ Petro-SIM is a trademark of KBC Advanced Technologies plc, and it is registered in various territories.



KBC offers a comprehensive range of consulting, implementation, and training solutions to provide sustainable competitive advantage to our process industry clients worldwide.



DRIVING EXCELLENCE

OUR SERVICES INCLUDE:

CapX – Capital Excellence

- Market Analysis & Forecasting
- Business Strategy Review
- Merger, Acquisition, & Integration Studies
- Feasibility Studies
- Capital Project Support

OpX – Operational Excellence

- Operational Planning
- Process Optimisation
- Energy
- HSE
- Reliability, Availability, & Maintenance
- Human Performance Improvement
- Software Solutions

*For more information, please visit www.kbcat.com,
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