Energy Optimisation

Deliver, sustain and continuously improve energy performance through KBC’s ENgage programme.

SUPERIOR RESULTS. SUSTAINED.
Saving energy is the most reliable way to reduce operating costs and improve margins in a volatile market – it always saves money and will:

- Maximise returns on investment and continually drive down operating costs throughout the plant life cycle from new designs through revamps and into best operating practices.
- Reduce emissions and improve public profile and also minimise the risk associated with stricter governmental and environmental legislation.

Leading performers demonstrate that between 10-15% can be saved on energy costs which can improve your margin by up to 20%.

So how do you close that gap and improve your energy performance? With a combination of experience and skills and supported by superior tools.

Our client saw a 20% reduction in energy index over 4 years, resulting in them becoming a top quartile performer.
The KBC ENgage programme is proven to close the gaps, using both our skills and technology to identify and validate improvement opportunities and our organisational and behavioural change methodologies to deliver and sustain the benefits.

We ensure that all the required elements of the energy management system (EMS) are working and contributing to maximise energy efficiency and your profitability.

ENgage includes everything you need to become a leading energy performer:

- Proprietary Best Technology benchmarking methodology to understand the gaps and establish targets.
- An integrated suite of tools incorporating process simulation, utility system modelling and pinch technology to define and validate opportunities.
- RoadMaps for planning non-investment operational improvements and required capital expenditure.
- Organisational and behavioural competencies to establish effective procedures to sustain the benefits.
- Superior energy management systems embedded in your operation.
- World leading energy management information systems operating in real-time and remotely supported by subject matter experts.
- A self service configurable reporting and dashboarding system including an easily digestible interface for quick understanding of performance and actionable information.

ENgage provides the tools and support to ensure that ISO50001 delivers results.
KBC is a global technology provider and consultancy focused on the hydrocarbon processing industry. With over 35 years’ experience in upstream, midstream, downstream, and petrochemicals, we are ready to serve you anywhere and anytime you need help with meeting your business challenges.

**THINK LIKE AN OPERATOR APPROACH**

Our experience shows that sustainable improvement is only possible if accompanied by a change in behaviours in day-to-day operations. KBC’s track record is second to none in achieving long term results.

KBC uses the most effective combination of business analysis, technical and operational expertise, workforce capability and applied simulation technology to meet your objectives. Building on profit improvement, we have helped clients to achieve and then sustain improvements in business performance since 1979.

Finding the right, fit-for-purpose solution for our clients is our area of expertise and we back up our solutions with methodical diagnostics, the deep industry knowledge of our consultants and leading technologies. Many of these solutions require no investment so can be implemented to deliver returns quickly.

**KBC IS FOCUSED ON SAFETY**

At KBC, we believe that there is no task so important or so urgent either in our business, or our customers’ businesses, that it overrides the need to work safely.

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**DELIVERY FRAMEWORK**

As part of the KBC Delivery Framework, key strategic, organisational and technology elements are embedded in our Project Management Office (PMO). Every project is planned in appropriate phases to ensure proper definition of the issue, discover the business background and develop detailed solutions that deliver the desired results, as well as ensuring that they can be sustained in the long term.

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**DELIVERY APPROACH**

The KBC approach across all elements of the business ensures alignment and maximises synergies.

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**Your PARTNER FOR SUCCESS**

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