

KPI is an independent Technology Consulting and Engineering company founded in 2005 and based in Houston, with offices in Bahrain. KPI's core strengths are in various process technologies in the Hydrocarbon sector, including Ammonia, Methanol, Petrochemicals and C3 derivatives.

KPI has completed over 100 projects globally for 50 clients, including roles as "Owner's Engineers" for complete projects. As "Owner's Engineers", the KPI team spearheaded the development and implementation of a large Propylene derivatives complex for a Saudi Arabian location to produce Acrylic Acid, Oxo-Alcohols/Syngas and Acrylic Esters. As Owner's Engineer, KPI also developed a new Ammonia project for Saudi location using off-gases from an existing methanol facility.

KPI provides project feasibilities, technology evaluation, due diligence & risk assessment, as well as strategic advisory for new facilities. KPI goes the extra mile to investigate and generate creative options to provide real value as cost effective, practical and innovative solutions, often improving Capacity and Energy Efficiency for existing Ammonia, Methanol plants as well as various Petrochemicals.

TECHNOLOGY & ENGINEERING

EXPERIENCE - KNOWLEDGE - EXPERTISE



Kinetics Process Improvements

Trusted Partner, "OWNER'S ENGINEER"

- **Capital Project Development**
- **Asset Performance Improvements**
- **Facilitating Project Resourcing & Partnering**
- **Strategic Advisory**
- **Customized Plant Training**



Kinetics Process Improvements, Inc.

**INDEPENDENT
TECHNOLOGISTS & ENGINEERS**
SYNGAS and DERIVATIVES
PETROCHEMICALS

OWNER'S ENGINEER

Independent Technology and Engineering Consultant

Technical, Commercial and Financial Due Diligence

Asset Performance Analysis and Improvements

Optimization of Resource Monetization

Supplement Your Scarce Key Resources

Global Reach - Global Value - Global Success

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KPI INDUSTRY EXPERTISE

SYNGAS & DERIVATIVES

AMMONIA PLANTS

METHANOL PLANTS

HYDROGEN PLANTS

UREA - NITRIC ACID

METHANOL DERIVATIVES

PETROCHEMICALS

ACRYLIC ACID & ESTERS

OXO-SYNGAS

OXO-ALCOHOLS

PROPANE DEHYDRO UNITS (PDH)



GLOBAL CONSULTING SERVICES



FACILITIES SERVICES

<i>CONCEPTUAL PROJECT DEFINITION</i>	<i>BASIC DESIGN & ENGINEERING REVIEW</i>
<i>PROJECT IDENTIFICATION & TECHNO-ECONOMIC FEASIBILITY STUDIES</i>	<i>INDEPENDENT PROJECT CAPITAL COST ESTIMATE</i>
<i>DUE DILIGENCE, STRATEGIC ADVISORY & RISK ASSESSMENT</i>	<i>REVIEW OF CRITICAL EQUIPMENT</i>
<i>LENDER'S ENGINEERS</i>	<i>ASSET PERFORMANCE ANALYSIS & IMPROVEMENTS</i>
<i>TECHNOLOGY ASSESSMENT</i>	<i>PLANT START-UP ADVISORY</i>
<i>SPECIALTY CHEMICALS LICENSE SOURCING</i>	<i>PLANT PERFORMANCE GUARANTEE TEST OVERSIGHT</i>
<i>DEVELOPMENT OF LICENSOR & EPC CONTRACTOR INQUIRIES</i>	<i>CUSTOMIZED PLANT TRAINING</i>
<i>FACILITATING PROJECT RESOURCING & PARTNERING</i>	<i>INTEGRATED PROJECT MANAGEMENT SERVICES</i>