



ADI Analytics

OIL & GAS • ENERGY • CHEMICALS
CELEBRATING 10 YEARS



ADI Analytics is a consulting firm serving oil and gas, energy, and chemical companies with passion, expertise, and rigor



Our value proposition—expertise, analytics, and flexible, cost-effective services—is designed to help clients succeed



Lead with frontline **industry expertise**

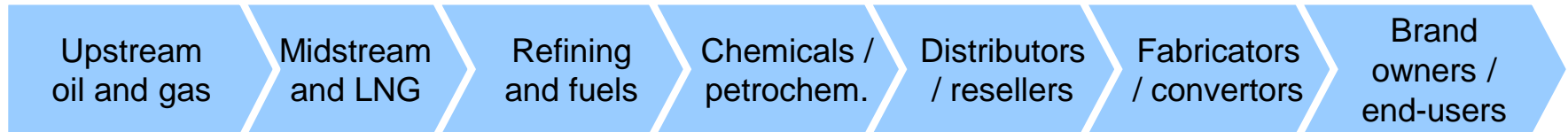


Drive with data and **proprietary analytics**



Support clients **flexibly and cost-effectively**

ADI's acquisition of CMR brings clients expertise, experience, and an integrated view of the hydrocarbon value chain



CHEMICAL
MARKET
RESOURCES
An ADI Business

ADI is a management consulting firm specializing in oil and gas, power, chemicals, and industrials. It has completed 300+ projects for 100+ clients since 2009.

www.adi-analytics.com

ADI acquired key assets of Chemical Market Resources (CMR) in 2017. Since 1990, CMR has provided market research and management consulting services through 500+ projects for 200+ clients in petrochemicals, chemicals, plastics, and polymers.

www.adi-cmr.com

Fortune 500 and mid-sized companies, start-ups, investors, and governments have hired us to shape decisions globally



ADI's services help clients assess markets, address uncertainty, improve capabilities, and support workflows

Build strategy	Drive sales and marketing	Navigate markets
<ul style="list-style-type: none"> ▪ Research and analyze trends, markets, industry, and players ▪ Identify and validate strategic options and M&A opportunities ▪ Define and test investment / M&A moves with scenarios ▪ Profile competitive, regulatory, and other external risks ▪ Support implementation plans 	<ul style="list-style-type: none"> ▪ Size and analyze markets and market shares for players ▪ Identify and profile best segment / customer mix ▪ Develop optimal go-to-market and channel strategies ▪ Seek voice of customer to refine offerings ▪ Optimize pricing and profit 	<ul style="list-style-type: none"> ▪ Track industry and business trends to provide on-going intelligence ▪ Identify key opportunities and threats from external landscape ▪ Develop appropriate strategies to address opportunities and threats ▪ Develop models- and analytics-based forecasts and projections ▪ Support needs on a critical timeline
Analyze financial issues	Optimize procurement	Accelerate innovation
<ul style="list-style-type: none"> ▪ Benchmark financial / investment performance with competitors ▪ Build valuation models to analyze capital / business investments ▪ Develop robust business performance forecasts ▪ Analyze financials to identify portfolio initiatives / opportunities ▪ Build financial tracking dashboards 	<ul style="list-style-type: none"> ▪ Build accurate picture of procurement activities and spend ▪ Benchmark to best-in-class procurement players / strategies ▪ Identify category management and strategic sourcing opportunities ▪ Define procurement spend optimization needs / opportunities ▪ Develop procurement KPI analytics 	<ul style="list-style-type: none"> ▪ Assess current and new processes and technologies for fit and impact ▪ Estimate capital and operating costs for process technologies ▪ Identify process opportunities, needs, costs, and benefits ▪ Analyze R&D / innovation portfolio using market-backed metrics ▪ Plan R&D / innovation strategies

Since 2009, ADI has served 100+ clients through 300+ consulting projects in oil and gas, energy, and chemicals

OILFIELD SERVICES

- ▶ Forecasted OCTG pricing for vendor
- ▶ Evaluated new drilling tech for US DOE
- ▶ Sized “green” drilling fluids for OFS player
- ▶ Sized oil spill market for new tech start-up
- ▶ Led oilfield tanks due diligence for PE firm
- ▶ Surveyed sourcing trends for proppant firm

UPSTREAM / E&P

- ▶ Listed ops excellence ideas for NOC
- ▶ Audited upgrader for oil sands producer
- ▶ Sized Australian CBM for new EOR firm
- ▶ Studied energized fracs use for tech firm
- ▶ Designed R&D strategy for oil / gas major
- ▶ Planned CSR / HSE / GA strategy for E&P

MIDSTREAM / LNG / GAS MONETIZATION

- ▶ Reviewed floating LNG tech for NOC
- ▶ Benchmarked large / small GTL for VC
- ▶ Sized pipeline coatings market for VC firm
- ▶ Analyzed gas monetization plans for major
- ▶ Ranked 15 NA LNG projects for Japan firm
- ▶ Forecasted Asian LNG demand for licensor

SHALE GAS / TIGHT OIL / UNCONVENTIONAL RESOURCES

- ▶ Sized waste disposal strategies in shale basins for E&P firm
- ▶ Estimated economic benefits of shale gas for a state agency
- ▶ Analyzed resource and players in Argentina shale for investor
- ▶ Analyzed resource and players in US shale basins for investors
- ▶ Designed fit-for-purpose operational model for new shale gas BU
- ▶ Conducted scenario planning on fracking regulations for E&P firm
- ▶ Developed shale gas JV plan and identified partners for Asian E&P
- ▶ Identified operational and innovation gaps in Marcellus shale for PE

DOWNSTREAM / FUELS / REFINING

- ▶ Led licensor selection plan for refiner
- ▶ Valued 20 refineries for Asian investor
- ▶ Forecasted fuel regulations for licensor
- ▶ Sized catalyst market for chemical major
- ▶ Analyzed sustainability indices for refiner
- ▶ Reviewed asphalt / bitumen trends for user

BIOFUELS / ALTERNATIVE ENERGY

- ▶ Optimized ethanol blending for refiner
- ▶ Estimated LCAs of biofuels for start-up
- ▶ Benchmarked power trains for automaker
- ▶ Framed bio-oil pricing strategy for start-up
- ▶ Assessed LNG as diesel substitute for VC
- ▶ Benchmarked 20 biofuel techs for oil major

CHEMICALS / MATERIALS

- ▶ Forecasted butadiene supply for lube firm
- ▶ Screened C4-5 investments for Asian firm
- ▶ Estimated NGL supply for Canadian major
- ▶ Studied carbon black market for tire maker
- ▶ Identified white spaces in sulfur for US firm
- ▶ Modeled ammonia/methanol IRRs for NOC

COAL / MINING

- ▶ Valued Australian mine for coal major
- ▶ Assessed coal monetization for EPC firm
- ▶ Led ops improvement for Asian coal miner
- ▶ Studied polygeneration with IGCC for DOE
- ▶ Sized Asian met coal demand for US miner
- ▶ Evaluated rare earth substitutes for VC firm

POWER / ELECTRICITY

- ▶ Assessed 6 CCS techs for coal fleet owner
- ▶ Profiled demand response market for utility
- ▶ Benchmarked energy storage techs for VC
- ▶ Analyzed smart grid standard for India govt
- ▶ Modeled coal / gas economics for end user
- ▶ Forecasted gas demand for power for NOC

RENEWABLE POWER / CLEANTECH

- ▶ Benchmarked battery techs for PE firm
- ▶ Assessed green building techs for NIST
- ▶ Sized US offshore wind market for EPC
- ▶ Developed India strategy for solar player
- ▶ Studied geothermal supply chain for DOE
- ▶ Modeled LCOE of all renewables for DOE

Clients can also accelerate decisions by subscribing to our research services, databases, and industry reports

Downstream Market Advisory

ADI's Downstream Market Advisory is a subscription service for research, intelligence, analytics, and insights on North American downstream oil and gas markets. It helps subscribers identify and act on opportunities, trends, and risks in refining and petrochemicals with clear, concise market intelligence, analytics, industry fundamentals, project updates, and forecasts.

[Download more information >>](#)

Gas Monetization Advisory

ADI's Gas Monetization Advisory is a subscription service for research, intelligence, analytics, and insights on natural gas utilization options and markets. It helps subscribers identify and act on opportunities, trends, and risks in gas use for power, LNG, fuels, chemicals, and transportation with market intelligence, cost / economic analytics, project news, and forecasts.

[Download more information >>](#)

Databases

- Crude oil by type
- Natural gas and LNG
- Refined products
- Natural gas liquids
- Methanol
- Ammonia
- Hydrogen plants
- Petrochemicals
- Polymers by grade
- Oil reserves/fields
- Well counts by type
- Completions by type
- EOR, gas, artificial lift
- Production facilities
- Pipelines by mile / dia
- Compression stations
- Gas processing plants
- LNG / regas plants
- Methanol/ammonia units
- Refineries, terminals
- Heavy oil upgraders
- Thermal/met coal mines
- Coal processing assets
- Power plants by type
- Water treatment plants

Market Studies

- Well automation
- Shape charge liners
- Offshore pipelines
- Chemical inj pumps
- Oilfield chemicals
- Maint. drones
- Condensate splitter
- LACT / GPU units
- Compressor services
- Cryogenic plants
- Drag reducers
- Corrosion inhibitors
- Pipe coatings
- Process automation
- Flare gas recovery
- Refining catalysts
- Tower internals
- Micro GCs
- Frac sand
- Compressor drives
- H2S scrubbers
- LNG storage tanks
- Lube/fuel additives
- Lube recycling
- Compressor valves

Finally, ADI's expert team offers creative and insightful thought leadership in oil and gas, energy, and chemicals



Blog

Weekly updates and hundreds of insightful posts on oil and gas, energy, and chemicals



Viewpoints

ADI experts have spoken at 100+ panel sessions, conferences, and company board meetings globally



Media Citations

ADI's been quoted in *Wall Street Journal*, *Bloomberg*, *NPR*, and news and trade media around the world



Events

Our flagship event, the *ADI Forum*, is held annually in Houston, TX



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