



ADI Analytics

OIL & GAS • ENERGY • CHEMICALS



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**

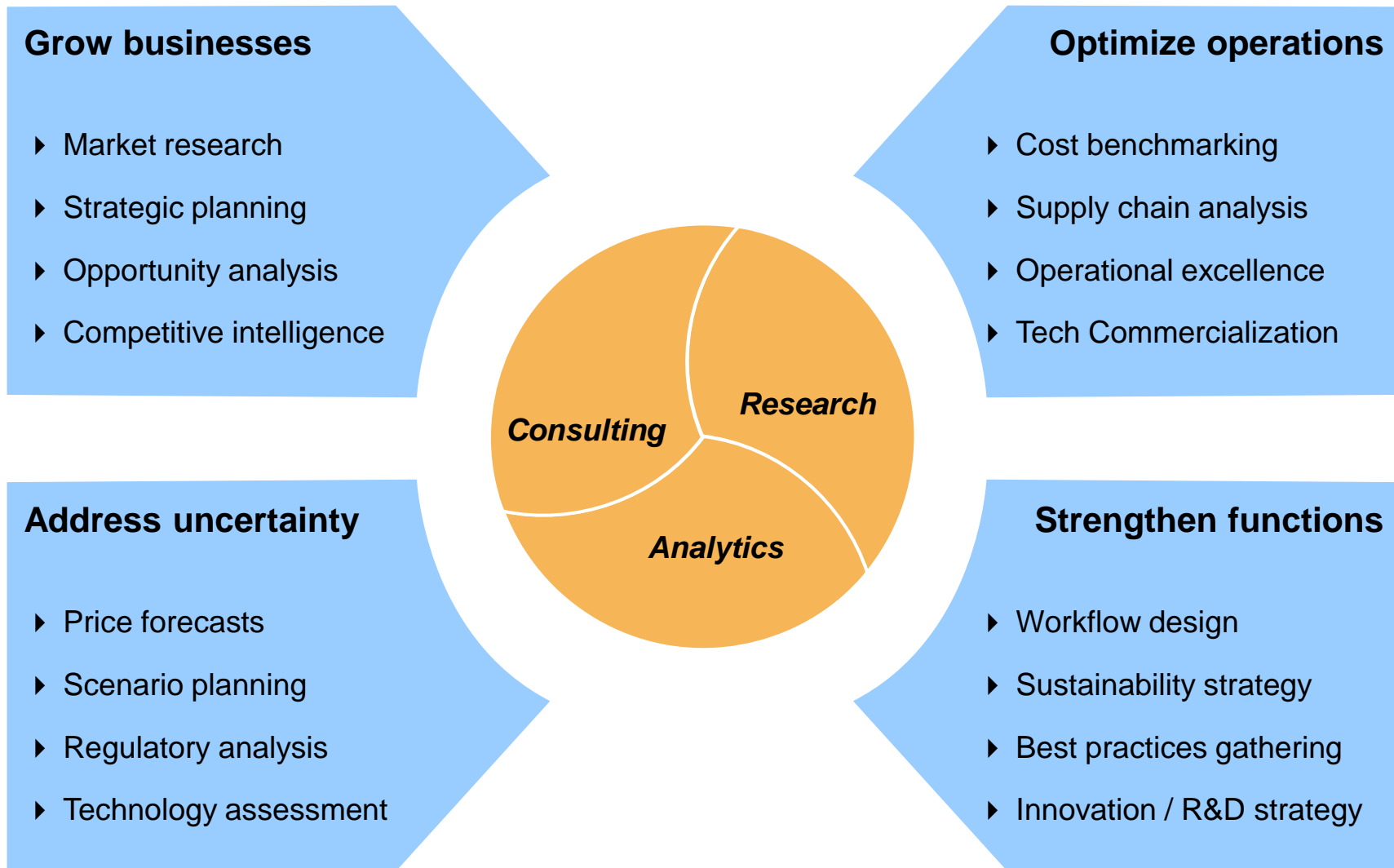


Support clients **flexibly and cost-effectively**

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



Our consulting offerings help businesses grow, address uncertainty, improve operations, and strengthen functions



Over nine years, 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 monitor markets and accelerate decisions by subscribing to our research services and industry reports

North America Natural Gas Research Service

Focus Areas

- ▶ LNG capacity
- ▶ Power / electricity
- ▶ Fuels (GTL, MTG)
- ▶ Price sets/linkages
- ▶ Gas supply/demand
- ▶ Methanol / chemicals
- ▶ Transport (CNG/LNG)

Key Analytics

- ▶ Technology appraisals
- ▶ Review firm strategies
- ▶ Project profiles, returns
- ▶ Supply, demand, pricing
- ▶ Costs, economics, IRRs
- ▶ Competitive landscapes
- ▶ Regulatory/policy watch

Deliverables

- ▶ Biweekly briefs
- ▶ Quarterly calls
- ▶ Annual summary
- ▶ Data spreadsheets
- ▶ Expert team access
- ▶ Subscriber workshops

Subscriber Benefits

- ▶ Quick, cost-effective
- ▶ Rigorous, fact-based
- ▶ Enable decision focus
- ▶ Independent expertise
- ▶ Collaborative, actionable

Multi-Client Reports

Refueling North America with LNG



Prospects for bio-based chemicals



Options for gas monetization



Innovation needs in shale gas



Economics of CO₂ utilization



Small-scale LNG opportunities



Technologies to reduce gas flaring



Ranking LNG export projects



Strategic outlook for biofuels



Monetizing natural gas liquids (NGLs)



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



iEnergy Blog

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



Viewpoints

ADI experts have presented at ~70 panel sessions, conferences, and company board meetings globally



Media Citations

We have been quoted in *NPR*, *Bloomberg*, *AFR*, and news and trade media around the world



Events

ADI holds the *North America Natural Gas & NGL Forum* annually in Houston, TX



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