



GlobalData Energy
Delivering Critical Data and Insight

November 1, 2017
The Ned Hotel, London

TCFD and BoE Conference on Climate
Scenarios, Financial Risk and Strategic
Planning



Supporting the Energy Industry with Forecasts and Analysis

Our research supports multiple key client workflows, adding value in progressive stages as work intensifies

1. Identify acquisition targets

- Screen assets using valuation metrics
- Rank assets on IRR, NPV, cash flows, break-even, or reserves
- Explore dependencies and relationships across the value chain
- Evaluate price, cost, fiscal, and production scenarios on asset value
- Review project challenges, development plans, and economic analysis
- Access analysts to explore regional landscape, upside, analog projects, request detailed modeling

2. Market entry strategy

- Explore e&p and service providers operating in country
- Evaluate comparative and average project economics
- Identify existing and planned infrastructure projects
- Benchmark fiscal terms and review analog project challenges
- Model prospective development scenarios and evaluate economics
- Get analyst insight on regional headwinds, operating risks, and potential upside

3. Competitive intelligence

- Identify peer company asset portfolios
- Isolate strategic projects driving peer value
- Define geographic, project type and partner company exposure
- Assess key peer project and portfolio value sensitivities to prices and production
- Understand specific development, subsurface, and geopolitical risks for key peer projects
- Identify key market issues each peer's portfolio is most sensitive to with analyst insight

4. Define medium term business strategy

- Isolate companies and geographies driving future capital expenditure
- Identify trends in project types and existing landscape of operators and peers
- Conduct comparative analysis on commercial viability of planned projects
- Understand risks to capital expenditure forecast and challenges faced in key planned projects
- Model project economics under different market scenarios
- Explore key market events that could impact the upstream development forecast

5. Find commercial opportunities

- Track new project announcements by company or geography
- Prioritize opportunities based on project commerciality
- Identify project participation details and development history
- Evaluate project economics based on application of alternative development strategies
- Pinpoint project risks and challenges to qualify opportunities
- Profile and benchmark companies and their development pipelines

Scenarios In Practice In Energy Decision Making

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GlobalData Energy has 3 scenario themes under which we model individually projects

- Updated quarterly
- Boundaries defined by broad industry survey

Helping clients understand the impacts of uncertain outcomes and risk to enhance their strategic readiness for capital investment

Optionality

- Access to alternative capital investment opportunities to adjust in case the market environment changes

Flexibility

- Ability to adjust existing capital investments in case the market environment changes

Strategy stress-testing

- Evaluate current business strategy under various scenarios to understand limits and framework

Asset valuation

- Quantify the risk and understand range of values that correspond to a possible asset acquisition