

Unlock the performance potential of your upstream portfolio

esi.portfolio is an advanced platform for evaluating decisions related to strategy development, portfolio management, capital allocation and M&A. Powered by the Perspectives™ analytics engine, esi.portfolio brings together data, business goals, assumptions and multiple constraints into a single solution for decisions involving risk or uncertainty.

Integrated, Predictive Business Modelling

Apply powerful, constraint based optimization algorithms to complex portfolios. Generate diverse strategic scenarios that explore the performance capabilities of your complete portfolio.

Multi-Constraint, Multi-Objective Optimization

Optimize your portfolio considering multiple financial or operational goals, with consideration for timing, working interest, dependencies and project level constraints. Ensure your strategic scenarios are feasible, while balancing short, mid and long term objectives.

Manage Risk and Uncertainty

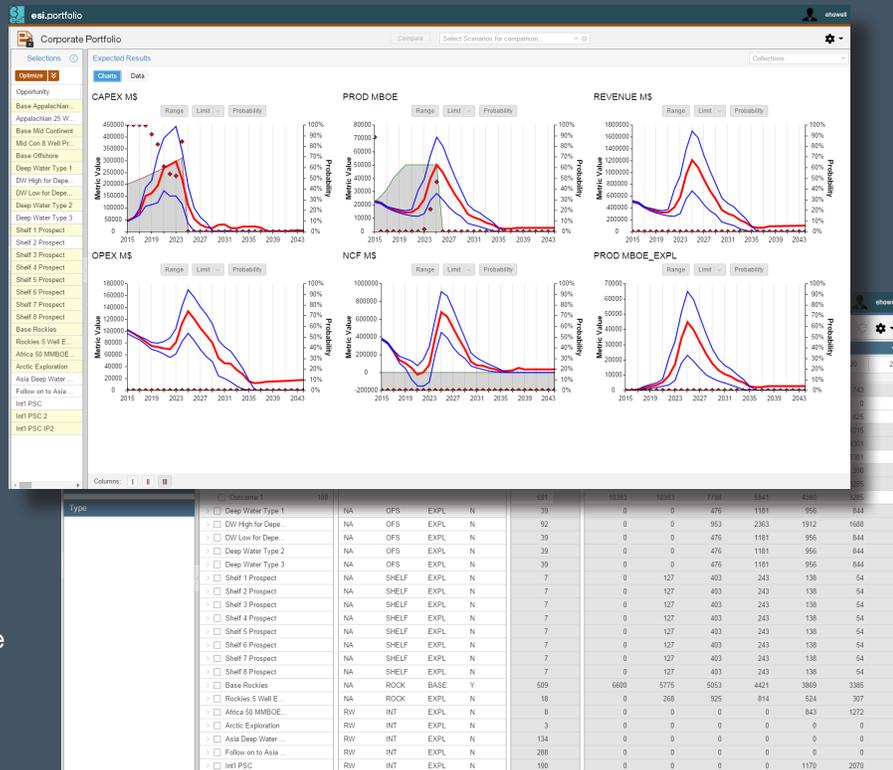
Apply uncertainty analysis to your portfolio and evaluate the cumulative impact of commercial and technical uncertainties on operational and financial performance. Improve your ability to succeed by understanding the probability of achieving goals over time and quantifying possible downside exposure.

Rapid Scenario Analysis

Conduct rapid scenario analysis with powerful optimization algorithms that consider every goal and constraint. Perform analysis in days instead of weeks, and eliminate excessive overtime while providing fast response to management requests.

Mergers & Acquisitions

See the complete picture for M&A decisions. Understand the optimal price you should pay and the ideal financing mix. Evaluate the benefits of opportunities versus alternative options and against important trade-offs you will need to make.



SUCCESS STORY: HOW ONE COMPANY SHORTENED PLANNING CYCLES, AND INCREASED VALUE BY \$900MM

THE CHALLENGE

A U.S. based oil and gas company was looking for a better way to evaluate strategic scenarios. Their planning teams would work for days in an attempt to optimize their plans. They set out to find a better way to provide long-range planning analysis for the executive teams, who needed to balance U.S. based assets and international exploration, in an environment of volatile oil prices.

CLIENT TESTIMONIAL

“We optimized one of our regions on value within the context of the entire company within 15 minutes. This has changed the way we look at capital allocation.”

A NEW WAY FORWARD

Using 3esi-Enersight software, our customer could view their capital allocations across the entire company and evaluate more scenarios, in less time, leading to a substantial increase in the value of the company. This new approach significantly reduced the workload of the company’s planners, while allowing the company to allocate proper funds to each region, increasing their their average return relative to what was originally submitted.

3esi • Enersight

3esi-Enersight is the world-leading provider of solutions for integrated strategy, planning and execution in upstream oil and gas.



Strategy &
Portfolio



Business
Planning



Asset
Development



Execution

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