

Refinery Cost & Margin Analytics

Understanding the competitive positioning of global refineries requires a robust foundation of knowledge and insights. Companies often invest significant time gathering data and analyzing macroeconomic trends, cost drivers, and supply/demand dynamics from various sources to evaluate their competitiveness and enhance profitability. Leveraging Commodity Insight's comprehensive refining database and price forecasts, Commodity Insights effectively models the competitiveness of refineries around the world in the Refinery Cost & Margin Analytics (RCMA) tool.

RCMA is an industry-leading tool that enables comprehensive analysis of refinery financials and operations, encompassing crudes, refined product yields, and cost and margin positioning.

Enabled by AspenTech Unified PIMS software, the tool provides an unparalleled breadth, quality, and complexity of calculations in refinery operations & financials. Users are empowered to make informed decisions by optimizing refinery inputs and outputs, identifying cost reduction opportunities, enhancing efficiency, supporting benchmarking, and evaluating capital expansions — all visualized through dynamic and interactive dashboards on Platts Connect. Navigate today's complex refining landscape with confidence and maintain a competitive edge using RCMA.

Key Features:

- Covers over 90% of global refinery capacity, ensuring calculations are grounded in real-world data.
- Enabled by Aspen Tech's Unified PIMS software, utilized by more than refineries around the world.
- Provides a comprehensive suite of cost & margin metrics, from net margin and feedstock costs to cash costs for producing light products (CCLP) and beyond, offering a complete financial picture and deeper insights into profitability drivers.
- Operational metrics include refinery-level yields for up to 43 refined products, detailed refinery throughput, and crude slate analysis, enhancing understanding of how various factors influence biorefinery efficiency and profitability.
- Capable of generating estimated economics for hypothetical refineries, with user-input options for crude and product price scenarios to efficiently assess refinery performance across diverse market environments.
- Annual cost/margin curves feature five years of historical data and ten years of forecasts.
- Quarterly cost/margin curves provide eight quarters of historical data and forecasts.

Key Questions

How can I benchmark performance of the refining industry over time?

What is the position of our refineries versus our competitors or acquisition targets?

How can I identify weak performing refineries that are at-risk of rationalization?

What is the relative competitiveness and viability of a new refinery investment, based on specific region or refinery configuration?

How have companies performed historically and how will they perform in the future?

How Clients Use the Refinery Cost & Margin Analytics Service:

Refining Benchmarking

- Benchmark refinery performance against competitors.
- Review cost and margin estimates for owned and competing assets.
- Identify competitive positioning shifts from changes in energy and market conditions.

Portfolio Improvement

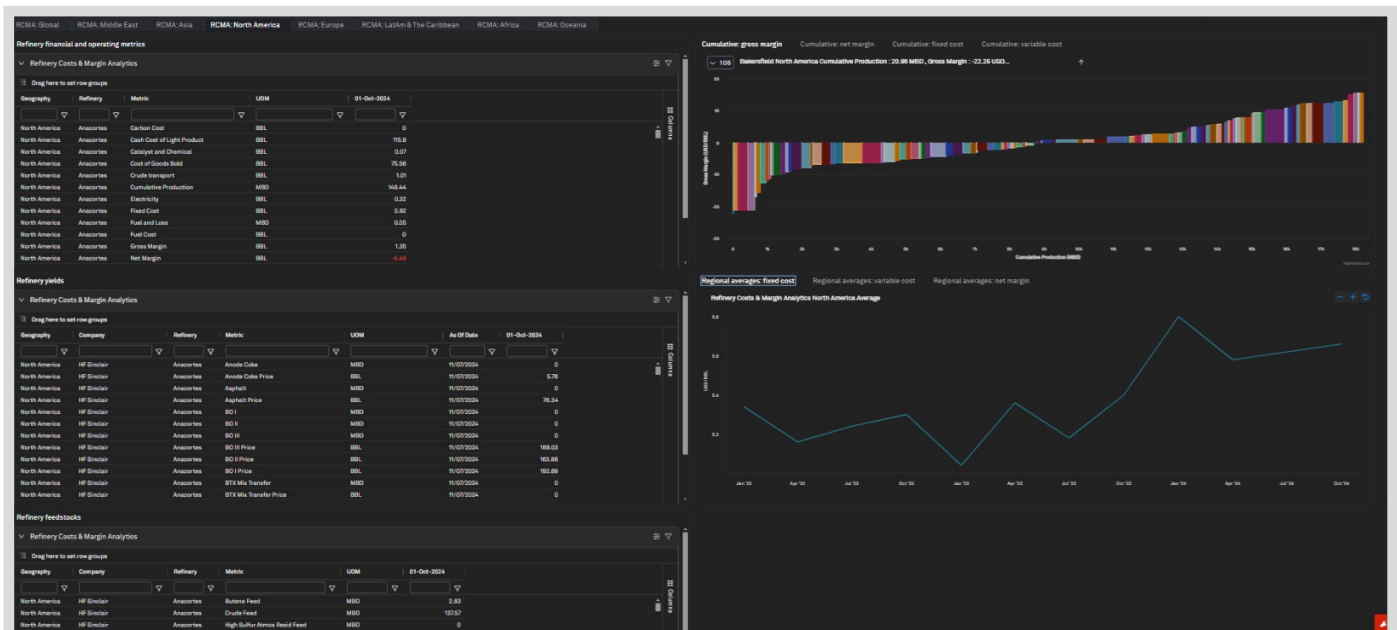
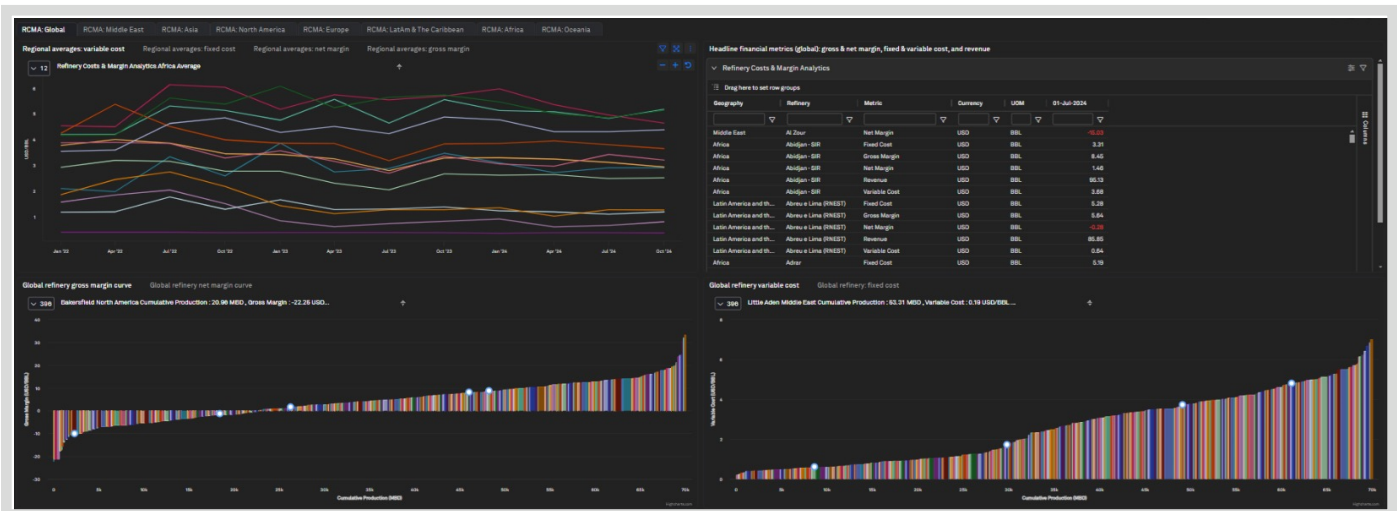
- Assess risk and exposure to market volatility, including upcoming regulatory changes.
- Evaluate the impact and potential rewards of new projects.
- Analyze the profitability of existing refineries to identify potential M&A targets.

Capital Investment Evaluation

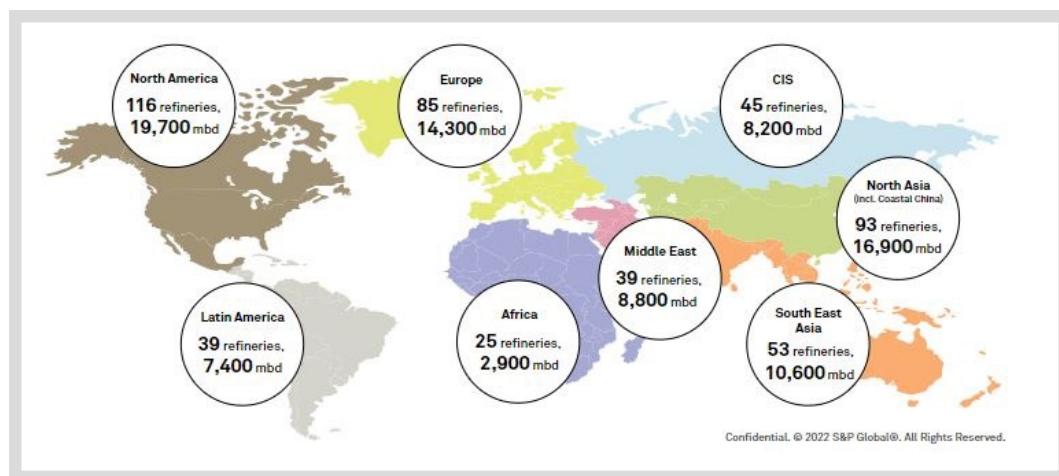
- Calculate CCLP and gross/net margins of new capital investments.
- Understand the market position of a new refinery relative to existing ones.

Manage operations

- Manage crude slate utilization.
- Consider throughput/capacity assumption changes.



Coverage of All Key Regions



Benchmarking Metrics

Refinery Output

- Refinery level yields
- Operating Costs
- Logistics costs

Refinery Profitability

- Gross margin
- Net margin
- Cash cost to produce light products (CCLP)

OFFICE LOCATIONS

spglobal.com/offices

CALL US

Asia-Pacific

+65-6530-6430

EMEA

+44(0)20-7176-6111

North America

+1-800-752-8878

Please contact your S&P Global sales representative or ci.support@spglobal.com

Copyright © 2024 by S&P Global Inc. All rights reserved.

spglobal.com/commodityinsights