



Data, Insight,  
Strategy &  
Communities

# | Asset Services



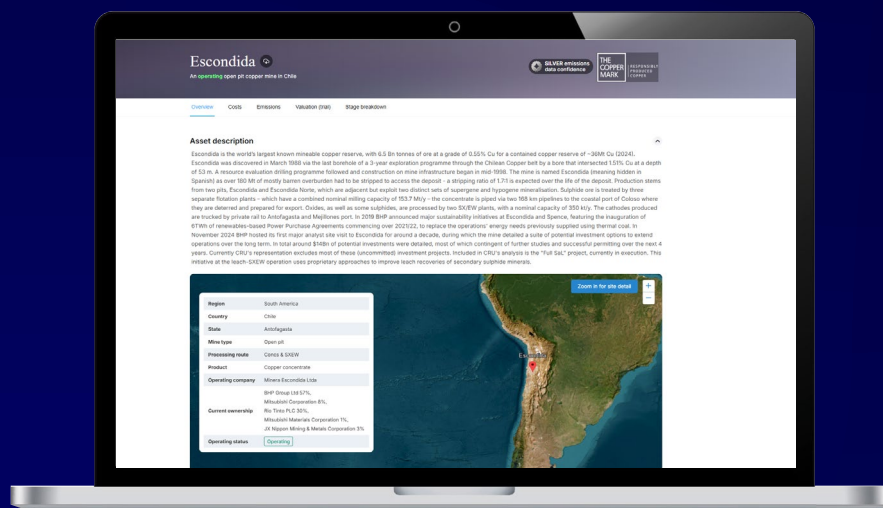
# Make the best-informed decisions with *next-level asset* intelligence

With global coverage of over 5,400 mining, metals and fertilizer sites, CRU's Asset Services provide the most comprehensive view of granular asset intelligence industry-wide.

Underpinned by CRU's 50 years of expertise delivering world class market intelligence, our asset data provides clients with the confidence to make informed and accurate assessments at the asset, company and commodity level.

Accessed through our web-based Asset Platform, CRU's Asset Services provide deep insight into the costs, emissions, valuation and overall performance of individual assets and of the industry more generally.

Coverage spans from base metals, battery metals, steel and steelmaking raw materials, the aluminium value chain, fertilizers, ferroalloys, energy and precious metals. Whether you are looking for asset data and intelligence for commodity market analysis, competitor benchmarking, procurement, project financing, trading or strategy and portfolio allocation, CRU can expertly inform your decision-making.



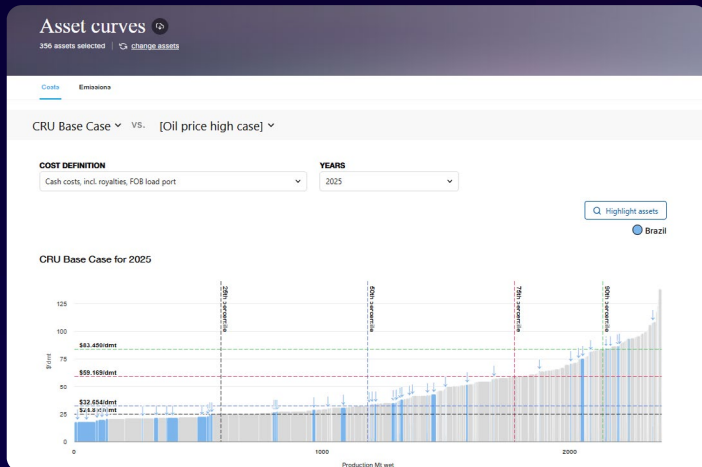
# Comprehensive asset intelligence at your fingertips

We provide the most comprehensive dataset in the industry. Our insights enable you to benchmark costs, assess emissions and evaluate financial performance — helping you make informed, strategic decisions.

Commodity	Costs	Emissions	Valuations	Asset coverage
<b>Aluminium</b>				
Bauxite mine	✓	✓		130+
Alumina refinery	✓	✓		130+
Aluminium smelter	✓	✓	✓	280+
Aluminium rolling mill	✓	✓		250+
<b>Base metals</b>				
Copper mine	✓	✓	✓	390+
Copper smelter	✓	✓	✓	110+
Copper refinery	✓	✓	✓	100+
Nickel mine	✓	✓	✓	160+
Nickel smelter		✓		10+
Nickel refinery		✓		20+
Nickel further processor		✓		15+
Lead mine	✓		✓	250+
Zinc mine	✓		✓	290+
<b>Battery metals</b>				
Lithium mine	✓		✓	70+
Lithium refinery	✓			60+
<b>Precious metals</b>				
Gold mine	✓			420+
<b>Steel</b>				
Iron ore min	✓	✓	✓	370+
Metallurgical coal mine	✓	✓	✓	330+
Steel plant	✓	✓		1070+
<b>Energy</b>				
Thermal coal mine	✓	✓	✓	560+
<b>Ferroalloys</b>				
Manganese ore mine	✓			60+
Manganese ferroalloy plant	✓			50+
Silicon plant	✓			60+
Ferrochrome smelter	✓			50+
<b>Fertilizers</b>				
Potash mine	✓	✓		50+
Phosphate rock mine	✓			140+
Phosphate fertilizer plant	✓			140+
Nitrogen plant	✓	✓		300+



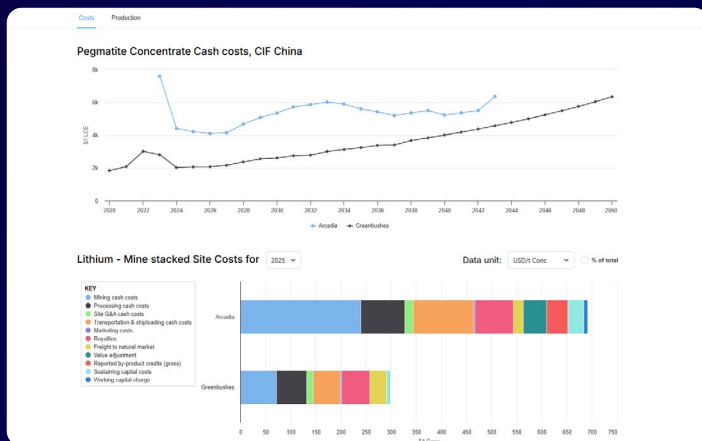
# Get to the insights that count, fast



The Asset Platform brings together all of CRU's granular asset-level data, giving one centralised and consolidated view that speeds up getting to the detail that matters.

Analytics tools make it easy to interrogate and visualise data, while CRU's web-based scenario tool allow clients to quickly input and save their own macroeconomic and price scenarios so that cost positions can be rerun in seconds.

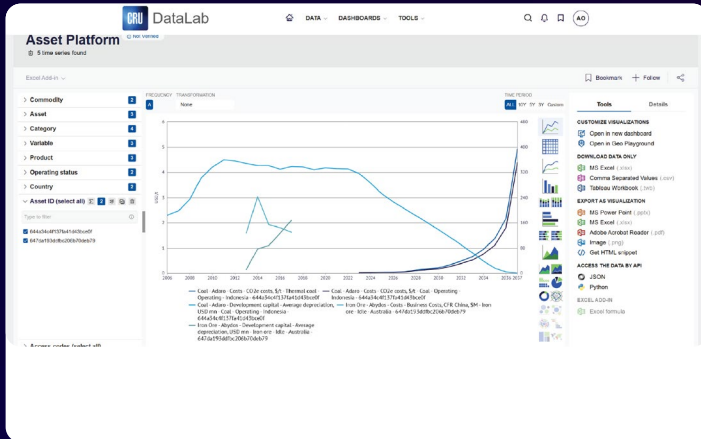
# Insights that go deeper



Gain deeper insights by drilling down into headline cost, emissions and valuation data to see their underlying drivers. Instantly benchmark any technical variable within the Asset Platform, to quickly see how that asset compares to the rest of the industry.

Perform cross-commodity benchmarking for all commodities in your subscription with the addition of CRU DataLab.

# Seamless data integration



The Asset Platform integrates with CRU DataLab, enabling effective management of all asset data at scale.

In addition to customisable visualisation tools, DataLab provides bulk data selection and downloading, with an Excel Add in and API to support easy download and ingestion of data into inhouse systems for optimum data use and visibility. Cross-organisational sharing of data is available with an enterprise license.

# Advanced tools support customised scenarios

**Scenarios**  
Create your own assumption scenarios to change calculated data on other pages.  
Scenarios use CRU's assumptions by default.

New scenario

Dataset	Unit	2025	2026	2027	2028	2029	2030	2031	2032
<b>Global Oil</b>									
Brent oil price	USD/bbl	75.4	75.0	76.1	87.8	94.3	101.6	107.8	113.4
<b>Benchmark Fuels - Oil &amp; Coal</b>									
HFO price, Rotterdam	USD/bbl	69.3	68.2	68.8	79.2	85.0	91.5	97.1	102.1
Diesel price, Rotterdam	USD/bbl	104.0	97.8	99.2	108.5	114.0	121.3	128.0	134.2
Effective bunker fuel price, Rotterdam	USD/t	680.4	634.5	648.8	704.9	762.9	804.7	877.3	923.4
Steam Coal price, CFR South China	USD/t	4.6	3.9	4.1	4.1	4.2	4.2	4.4	4.7
<b>Natural Gas Benchmarks</b>									
Henry Hub price	USD/GJ	2.97	3.33	3.40	3.40	3.46	3.60	3.74	3.86
Zeebrugge price	USD/GJ	11.6	10.0	8.4	8.9	9.0	8.9	9.1	9.3
Japan LNG price	USD/GJ	9.9	9.9	10.1	10.1	9.7	9.4	9.3	9.2
<b>Exchange rate vUSD - forecast</b>									
Australia	LCUSD	1.47	1.41	1.36	1.35	1.35	1.36	1.37	1.38
Russia	LCUSD	6.76	6.69	6.49	6.46	6.56	6.66	6.70	6.83

The Asset Platform's web-based scenario tool means there's no need for downloading desktop cost models. Input and save macroeconomic and price assumptions to rerun asset cost summary tables, cost curves and asset valuations for maximum efficiency.

The CarbonFlow tool enables users to build a view of Scope 1, 2 & 3 emissions for steel or aluminium value chains by assessing and combining carbon emissions for assets throughout the value chain.

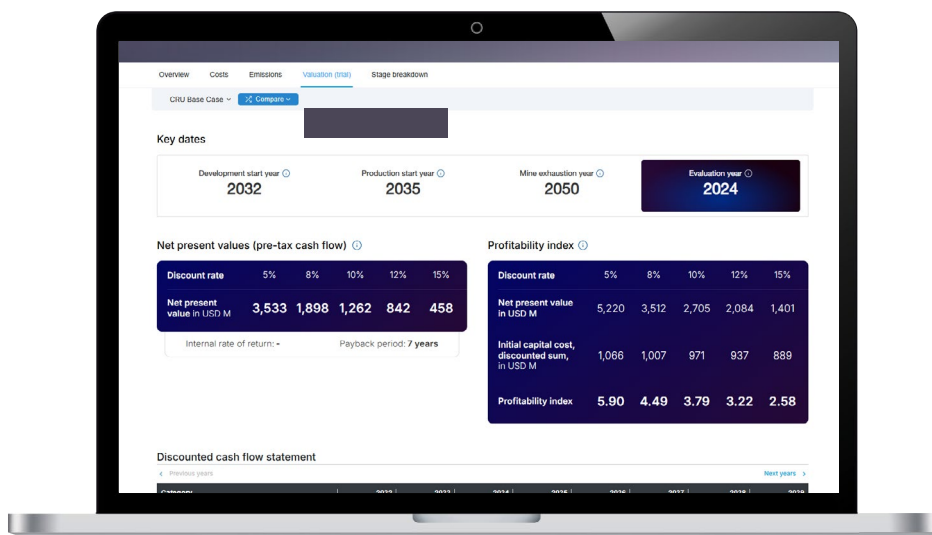
# Make informed investment decisions

Whether assessing new investment opportunities or analysing portfolio performance, CRU's data combines comprehensive project and operating asset valuations with extensive cost datasets to give a clear and reliable understanding of asset value.

CRU's valuation data provides accurate assessments for the most important sites globally covering copper mines, nickel mines, lead mines, zinc mines, copper smelters, copper refineries, iron ore mines, metallurgical coal mines, thermal coal mines, aluminium smelters and lithium mines.

## The service gives access to:

- Pre-tax cashflows
- Net present value (NPV)
- Internal rate of return (IRR)
- Profitability index (PI)
- Payback period



# Bespoke support for strategic projects

Experience counts, and CRU has the strongest pedigree in advising the world's biggest technological and industrial businesses on game-changing strategies. From decarbonisation initiatives to ensuring compliance with upcoming policy changes, we have advised thousands of organisations through countless scenarios, including:

- Strategic planning – acquisitions and growth, emissions and procurement
- Market decisions – specialised market studies, lenders' market reports
- Valuation – feasibility studies, M&A support, specialised valuation of business elements
- Negotiation support – assistance with contract reviews, negotiation and risk assessment
- Operational improvements – performance assessment, supply chain reviews, supplier assessment
- Policy analysis and advocacy – independent market assessment and industry impact assessment

**Contact us**

Request a *demo* now

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