



Emissions Analysis Tool



Powering sustainability strategies and results with high quality, standardised emissions data on an interactive analysis platform

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CRU's Emissions Analysis Tool allows you to compare emissions across the complete value chain on an intuitive, easy-to-use digital platform.

Readily available standardised data and methodologies – calibrated to existing schemes including the EU emissions trading system (EU ETS), worldsteel, and International Aluminium Institute (IAI) – are groundbreaking for companies seeking to accurately and meaningfully understand the emissions landscape. The Emissions Analysis Tool gives you visibility and functionality – with like-for-like comparisons of process level emissions across assets and regions delivered in seconds. Reduce emissions, navigate evolving supply chains, adhere to increasing regulations – and lead the journey to a sustainable future.

Anglo American

Alcoa

Alumina Ltd.

Aluminerie Alouette Inc.

Constellium

CMOC/IXM

Emirates Global Aluminium

Glencore

Norsk Hydro

Sumitomo Corporation (SC)

Vale

voestalpine AG

To find out why industry leaders like these use CRU Emissions Analysis Tool, please get in touch sales@crugroup.com.

'We consider that CRU's Emissions Analysis Tool offers one of the industry's most detailed emissions data and analysis. CRU's team also provides timely support on any follow-up questions we have while using the platform.'

ANDREW WOOD

GROUP EXECUTIVE STRATEGY & DEVELOPMENT
ALUMINA LIMITED

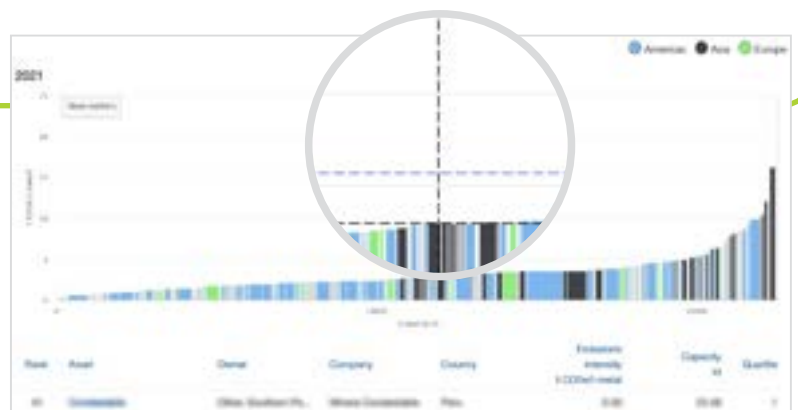
'Our basic goal in using CRU Steel Emissions Analysis Tool is to get better insights into the different steel value chains, especially with the aim to identify further carbon related efficiency and improvement potentials.'

MARKUS STEINHÄUSLER

STRATEGIC ENVIRONMENTAL
MANAGEMENT EXECUTIVE
VOESTALPINE AG

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Emissions curves



Granular asset level data breakdowns





Powering sustainability strategies and meaningful results for mining, metals and fertilizer industry stakeholders



PRODUCERS



SUPPLIERS



CUSTOMERS



TRADERS



INVESTORS



POLICYMAKERS

Interactive asset map



Compare assets



Emissions curves stacked by process and CarbonFlow analysis



Key features and benefits

Standardised Data, One Stop

Accurately analyse global carbon emissions across value chains within a single resource with standardised data. From mining to production to investment and policy decisions, standardised data informs your sustainability strategy.

Complete Value Chain View

Understand emissions from 'cradle to gate' and make greener sourcing decisions, helping to reduce your Scope 3 emissions. Build your value chain with CarbonFlow.

Like-for-Like Views

Compare the emissions of assets, companies and value chains on a like-for-like basis with our standardised emissions calculations

Trust

Built from the bottom up, CRU's emissions data is reliable and accurate removing the need for additional painstaking research

Calibration

Rely on CRU's strong methodology based on established industry standards and data reconciled with verified, reported data - including EU ETS, IAI, and worldsteel - and directly with producers

Benchmarking

Understand where opportunities and threats are along the curve, and compare assets - instantly

Fast Access to Data

Eliminate time spent researching, reconciling, and calibrating data and focus on meaningful analysis

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Coverage and availability

Your priorities and needs evolve, so should your solutions. We are dedicated to continuous development across our business - and emissions are no exception.

Available today

Aluminium

523 assets
2000–2030

- 128 Bauxite mines
- 126 Alumina refineries
- 274 Aluminium smelters

Steel

1,299 assets
2006–2025

- 314 Metallurgical Coal mines
- 328 Iron ore mines
- 302 Steel mills

Transport

- Inland and ocean freight emissions connecting each stage of the value chain

Base Metals

763 assets

- 379 Copper mines
- 132 Nickel mines

Fertilizers

353 assets

- 59 Potash mines

In development

Aluminium

226 assets

- Aluminium rolling mills

Base Metals

763 assets

- Lead/Zinc
- Precious metals

Fertilizers

353 assets

- 294 Nitrogen plants

Scope 1, 2, 3 cradle to gate emissions; operator and owner company names; equity shares

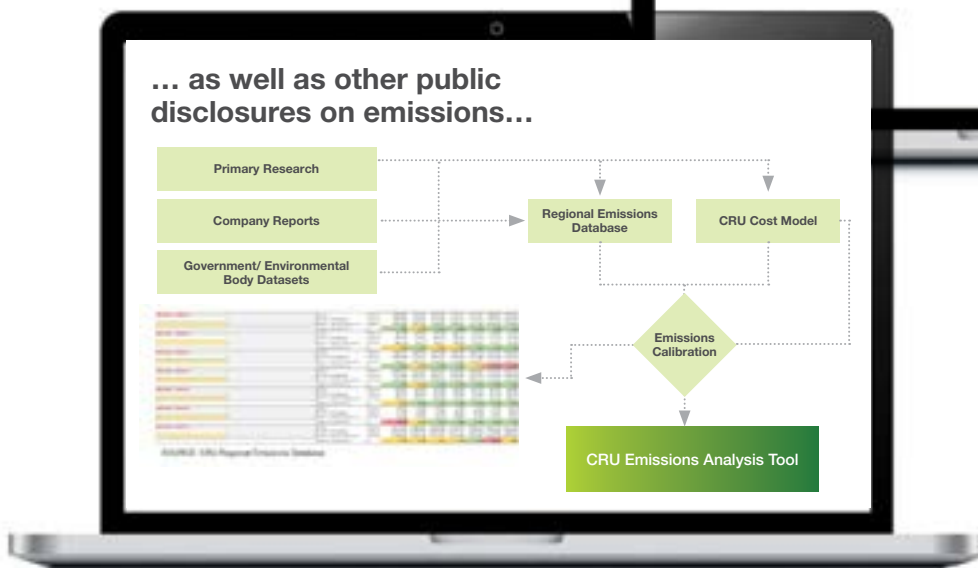


CRU's approach:

- Understand granularity of reported data
- Gauge level of calibration through gap analysis and interpret gaps using external data
- Iterative modelling to close identified gaps and drive continuous improvement of service

Methodology and technical aspects

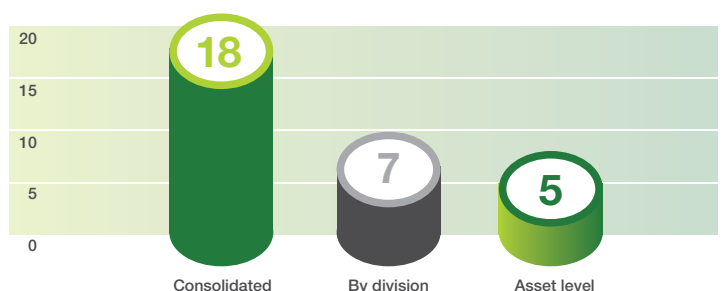
Methodology and primary research are the foundation for quality data - and our commitment to quality is relentless.



...but disclosed data often need to be reconciled to be comparable.

A sample pool of 30 mid-top tier mining companies' ESG reporting found limited granularity:

- Consolidated emissions = 18
- By corporate division = 7
- Asset level (excludes national datasets) = 5





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About CRU

CRU is the leading provider of analysis, prices and consulting in the mining, metals and fertilizer markets. Our strength comes from our extensive network of industry contacts, our global team of analysts who have a deep understanding of commodity markets, and our unique methodologies.

Since our foundation in 1969, we have consistently invested in primary research and robust methodologies, and developed expert

teams in key locations worldwide, including in hard-to-reach markets such as China.

In 2021, CRU created a new team, CRU Sustainability, to help our clients understand new and changing policies, forecast carbon prices, benchmark emissions, and adapt to technological change.

CRU – big enough to deliver a high-quality service, small enough to care about all of our customers.

Learn how we can help you deliver results today



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