

Iron ore market to continue rebalancing

Iron ore demand has borne the brunt of deep cuts in the Chinese steel sector. However, with supply continuing to improve, the seaborne iron ore market is set to continue to rebalance itself over the medium term



A worker oversees the iron smelting process

A year of two halves in the iron ore market

It's been a year of two halves for the iron ore market. The first half was red hot, the second bitterly cold. In May, prices soared to an all-time high of US\$233/tonne and remained elevated thereafter before plunging into a bear market around the end of July. Prices more than halved towards November.

Supply improvement continues despite some supply chain issues

The supply in the seaborne market continues improving, broadly in line with expectations. This is largely due to Brazil, where Vale has been able to see some production growth this year. However, the weak market of low-quality ores prompted Vale to trim the upper bound of its full-year guidance range by 15Mt to the latest range of 315-320Mt for 2021 and issued a lower projection for 2022 to 320-335Mt. Nevertheless, Brazil still contributes to the main incremental supply additions this year, and it's expected to be the key driver to seaborne market growth in the medium term. Shipments from the world's largest seaborne exporter, Australia, struggled during

2Q21 and most of 3Q21 due to weather-related disruptions and extended maintenance works. Still, there are signs that exports have improved during the final quarter of 2021, a trend that is expected to continue through next year.

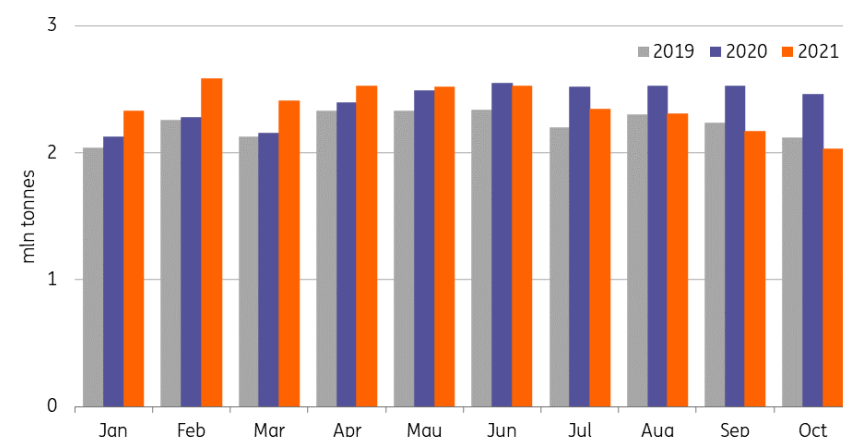
The supply of non-traditional iron ore fell this year as market conditions changed. A strong rebound in India's steel sector led to higher demand for its own iron ore. Export demand for India's low-grade fines fell sharply faced with high freight costs and steep discounts of lower-grade ores from the main consumer, China. Skyrocketing coking coal prices in China have put strong pressure on certain quality types such as lump and low-grade fines, as steelmakers diverge away from these relatively higher fuel rate products. As such, demand for high-grade fines and pellets remains elevated, which is also because of the pressure of production cuts on Chinese steel. As a result, stronger high-grade fines and pellet prices have prompted a supply response. It is expected that the supply of these products will see an improvement in the medium term.

Consumption plunges amid China's aggressive steel cuts

Demand developments have prompted extraordinary market volatility. A downward spiral kicked off with a slew of strong policy enforcements on steel production cuts, as the whole sector in China is very momentum-driven. Iron ore demand fell sharply with mills from multiple regions required to cut production to fulfil the mandate on flat growth in line with the state's decarbonisation goals and extended curbs in the top production hub of Tangshan city for 'Olympic Blue'. In 2H21, various steel cuts in China are estimated to lead to around 50Mt losses in crude steel and further result in a fall of hot metal production. Hence, during the period, iron ore consumption fell sharply by around 35Mt. The aggressive steel cuts in 2H21 and weaker iron ore consumption have led to growing inventories of imported ore at Chinese ports. Overall, Chinese iron ore imports are estimated to fall by more than 3% YoY in 2021.

Lower steel production has failed to lift steel mill margins which had turned negative in 4Q21 due to weaker demand from the downstream property sector and slower activity from others due to frequent power shortages. More importantly, the weakening China property sector and construction new-starts have come under significant pressure, with major property developers struggling in the government-led deleveraging campaign.

Daily hot metal production in China



Source: China NBS, ING Research

China's policy continues to play a key role

The Chinese property sector has clearly been a major concern amid the debt crisis out of some property developers. However, our economists [think](#) activity here is not all doom and gloom as property investment growth is still 1.1 percentage points faster than headline fixed-asset investment (FAI) growth; there will also be a focus on those pipeline projects to bring them to completion.

At the end of 2021, a number of fine-tuning measures targeting the sector combined with credit easing sparked optimism about China's policy becoming more supportive. Iron ore prices started to rise together with steel prices, pre-emptively riding the China property curve and expectations of a round of easing. This was followed by an official announcement from the PBoC on a [RRR cut](#) on 6 December, a move that is expected to support fixed-asset investment in infrastructure, transportation and telecommunications and spur economic growth. So the 'stability priority' will provide some support to demand but it doesn't mean we're returning to the old regime where property was turbo-charged. Policies will be fine-tuned to avoid systemic contagion but we don't expect a significant reversal in the Chinese property sector.

Average prices to decline from 2021 levels

The China policy landscape at the macro-level, including moves towards decarbonisation, remains a cap over the medium-term demand outlook for iron ore. As such, China's steel production is unlikely to return to the 1H21 level. Nevertheless, we expect the seaborne market to remain in deficit through 2023. In addition, the fine-tuning supportive measures in the short term should act to cushion the markets. On average, we expect prices to slide to US\$100/t over 2022, with the main upside risks still being potential supply chain disruptions in light of the Omicron variant.

ING forecasts

	1Q22	2Q22	3Q22	4Q22	FY22
Iron ore (US\$/t)	110	100	90	95	100

Source: ING Research

Author

Alissa Lefebvre

Economist

alissa.lefebvre@ing.com

Deepali Bhargava

Regional Head of Research, Asia-Pacific

Deepali.Bhargava@ing.com

Ruben Dewitte

Economist

+32495364780

ruben.dewitte@ing.com

Kinga Havasi

Economic research trainee

kinga.havasi@ing.com

Marten van Garderen

Consumer Economist, Netherlands

marten.van.garderen@ing.com

David Havrlant

Chief Economist, Czech Republic

420 770 321 486

david.havrlant@ing.com

Sander Burgers

Senior Economist, Dutch Housing

sander.burgers@ing.com

Lynn Song

Chief Economist, Greater China

lynn.song@asia.ing.com

Michiel Tukker

Senior European Rates Strategist

michiel.tukker@ing.com

Michal Rubaszek

Senior Economist, Poland

michal.rubaszek@ing.pl

This is a test author

Stefan Posea

Economist, Romania

tiberiu-stefan.posea@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Jesse Norcross

Senior Sector Strategist, Real Estate

jesse.norcross@ing.com

Teise Stellema

Research Assistant, Energy Transition

teise.stellema@ing.com

Diederik Stadig

Sector Economist, TMT & Healthcare
diederik.stadig@ing.com

Diogo Gouveia
Sector Economist
diogo.duarte.vieira.de.gouveia@ing.com

Marine Leleux
Sector Strategist, Financials
marine.leleux2@ing.com

Ewa Manthey
Commodities Strategist
ewa.manthey@ing.com

ING Analysts

James Wilson
EM Sovereign Strategist
James.wilson@ing.com

Sophie Smith
Digital Editor
sophie.smith@ing.com

Frantisek Taborsky
EMEA FX & FI Strategist
frantisek.taborsky@ing.com

Adam Antoniak
Senior Economist, Poland
adam.antoniak@ing.pl

Min Joo Kang
Senior Economist, South Korea and Japan
min.joo.kang@asia.ing.com

Coco Zhang
ESG Research
coco.zhang@ing.com

Jan Frederik Slijkerman
Senior Sector Strategist, TMT
jan.frederik.slijkerman@ing.com

Katinka Jongkind
Senior Economist, Services and Leisure

Katinka.Jongkind@ing.com

Marina Le Blanc

Sector Strategist, Financials

Marina.Le.Blanc@ing.com

Samuel Abettan

Junior Economist

samuel.abettan@ing.com

Franziska Biehl

Economist, Germany

Franziska.Marie.Biehl@ing.de

Rebecca Byrne

Senior Editor and Supervisory Analyst

rebecca.byrne@ing.com

Mirjam Bani

Sector Economist, Commercial Real Estate & Public Sector (Netherlands)

mirjam.bani@ing.com

Timothy Rahill

Credit Strategist

timothy.rahill@ing.com

Leszek Kasek

Senior Economist, Poland

leszek.kasek@ing.pl

Oleksiy Soroka, CFA

Senior High Yield Credit Strategist

oleksiy.soroka@ing.com

Antoine Bouvet

Head of European Rates Strategy

antoine.bouvet@ing.com

Jeroen van den Broek

Global Head of Sector Research

jeroen.van.den.broek@ing.com

Edse Dantuma

Senior Sector Economist, Industry and Healthcare

edse.dantuma@ing.com

Francesco Pesole

FX Strategist

francesco.pesole@ing.com

Rico Luman

Senior Sector Economist, Transport and Logistics

Rico.Luman@ing.com

Jurjen Witteveen

Sector Economist

jurjen.witteveen@ing.com

Dmitry Dolgin

Chief Economist, CIS

dmitry.dolgin@ing.de

Nicholas Mapa

Senior Economist, Philippines

nicholas.antonio.mapa@asia.ing.com

Egor Fedorov

Senior Credit Analyst

egor.fedorov@ing.com

Sebastian Franke

Consumer Economist

sebastian.franke@ing.de

Gerben Hieminga

Senior Sector Economist, Energy

gerben.hieminga@ing.com

Nadège Tillier

Head of Corporates Sector Strategy

nadege.tillier@ing.com

Charlotte de Montpellier

Senior Economist, France and Switzerland

charlotte.de.montpellier@ing.com

Laura Straeter

Behavioural Scientist

+31(0)611172684

laura.Straeter@ing.com

Valentin Tataru

Chief Economist, Romania

valentin.tataru@ing.com

James Smith

Developed Markets Economist, UK
james.smith@ing.com

Suvi Platerink Kosonen
Senior Sector Strategist, Financials
suvi.platerink-kosonen@ing.com

Thijs Geijer
Senior Sector Economist, Food & Agri
thijs.geijer@ing.com

Maurice van Sante
Senior Economist Construction & Team Lead Sectors
maurice.van.sante@ing.com

Marcel Klok
Senior Economist, Netherlands
marcel.klok@ing.com

Piotr Poplawski
Senior Economist, Poland
piotr.poplawski@ing.pl

Paolo Pizzoli
Senior Economist, Italy, Greece
paolo.pizzoli@ing.com

Marieke Blom
Chief Economist and Global Head of Research
marieke.blom@ing.com

Raoul Leering
Senior Macro Economist
raoul.leering@ing.com

Maarten Leen
Head of Global IFRS9 ME Scenarios
maarten.leen@ing.com

Maureen Schuller
Head of Financials Sector Strategy
Maureen.Schuller@ing.com

Warren Patterson
Head of Commodities Strategy
Warren.Patterson@asia.ing.com

Rafal Benecki

Chief Economist, Poland
rafal.benecki@ing.pl

Philippe Ledent
Senior Economist, Belgium, Luxembourg
philippe.ledent@ing.com

Peter Virovacz
Senior Economist, Hungary
peter.virovacz@ing.com

Inga Fechner
Senior Economist, Germany, Global Trade
inga.fechner@ing.de

Dimitry Fleming
Senior Data Analyst, Netherlands
Dimitry.Fleming@ing.com

Ciprian Dascalu
Chief Economist, Romania
+40 31 406 8990
ciprian.dascalu@ing.com

Muhammet Mercan
Chief Economist, Turkey
muhammet.mercan@ingbank.com.tr

Iris Pang
Chief Economist, Greater China
iris.pang@asia.ing.com

Sophie Freeman
Writer, Group Research
+44 20 7767 6209
Sophie.Freeman@uk.ing.com

Padhraic Garvey, CFA
Regional Head of Research, Americas
padhraic.garvey@ing.com

James Knightley
Chief International Economist, US
james.knightley@ing.com

Tim Condon
Asia Chief Economist
+65 6232-6020

Martin van Vliet

Senior Interest Rate Strategist

+31 20 563 8801

martin.van.vliet@ing.com

Karol Pogorzelski

Senior Economist, Poland

Karol.Pogorzelski@ing.pl

Carsten Brzeski

Global Head of Macro

carsten.brzeski@ing.de

Viraj Patel

Foreign Exchange Strategist

+44 20 7767 6405

viraj.patel@ing.com

Owen Thomas

Global Head of Editorial Content

+44 (0) 207 767 5331

owen.thomas@ing.com

Bert Colijn

Chief Economist, Netherlands

bert.colijn@ing.com

Peter Vanden Houte

Chief Economist, Belgium, Luxembourg, Eurozone

peter.vandenhoute@ing.com

Benjamin Schroeder

Senior Rates Strategist

benjamin.schroeder@ing.com

Chris Turner

Global Head of Markets and Regional Head of Research for UK & CEE

chris.turner@ing.com

Gustavo Rangel

Chief Economist, LATAM

+1 646 424 6464

gustavo.rangel@ing.com

Carlo Cocuzzo

Economist, Digital Finance

+44 20 7767 5306

carlo.cocuzzo@ing.com

