

Nickel: We're cautiously optimistic, short term

Strong stainless production from China is the key support to nickel's rally. Lower ore inventories at ports are also fuelling concerns over domestic NPI/FeNi supply. The actual impact is still to be quantified and there are certainly more curveballs to come

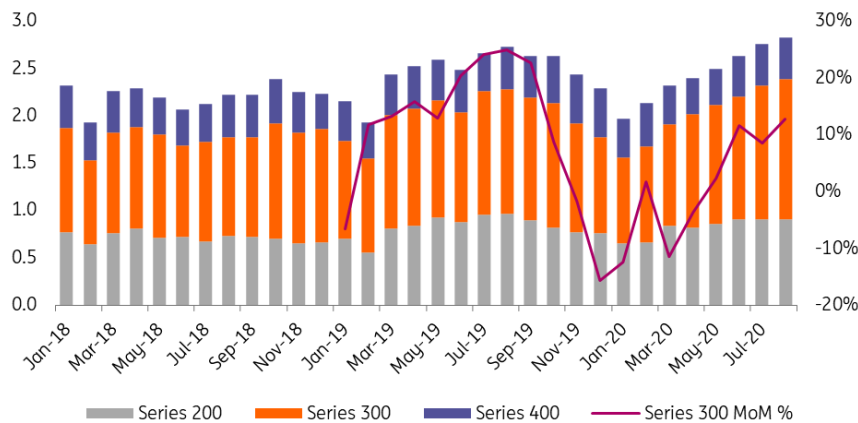


A nickel mine in Indonesia

Strong recovery in nickel-rich stainless production

Stainless steel production from the world's largest producer, China, has been growing quickly, in particular, 300-series nickel rich stainless productions are standing out with a relatively better margin. Production of this series has been maintaining an average of 8.5% YoY since June, and the current high operating rate at mills suggests that there's potential for further upside in August.

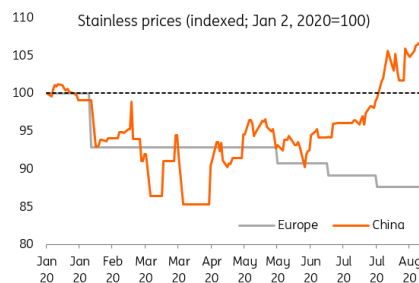
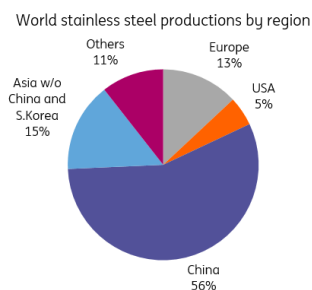
Strong stainless production growth in China drives up nickel demand



Source: Antaike, ING

Elsewhere, Indonesia has seen strong production due to its newly commissioned mills in recent years as the country is aiming to develop further downstream instead of relying on ore exports. Mills in Europe and the US have also been resuming production, but the market for stainless remains weak as demand recovery is still very slow.

Stainless production and prices by region

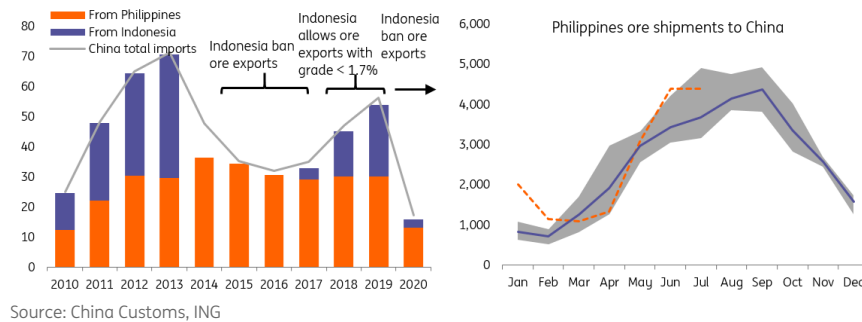


Source: ISSF, Bloomberg, ING

Ore tightness starts to bite, fueling concerns over domestic raw material shortage

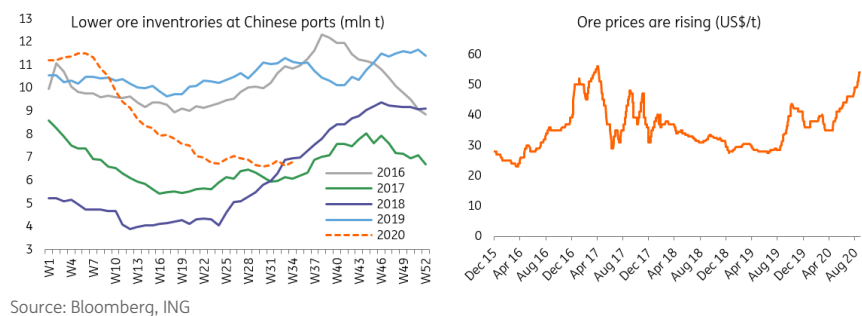
Nickeliferous ore exports from Indonesia have exited the market following the country's policy to ban ore exports which began at the start of the year. The Philippines is left to do the heavy lifting as the single largest supplier of nickel ore to China.

Nickel ore shipments to China from Indonesia and the Philippines



Multiple factors, not least Covid-19, impacted production during the first quarter of 2020; bad weather has also led to ore production falling significantly. Coupled with disruption to shipments, exports to China were lower than the same periods last year and they only started to accelerate from June. Traditionally, ore shipments from the Philippines follow a strong seasonal pattern. The market is inclined to expect a reduced supply from the country from October as the rainy season starts. However, ore inventories at Chinese ports have already been running lower, and recent ore prices have been rising fast.

Higher ore prices along with lower ore inventories



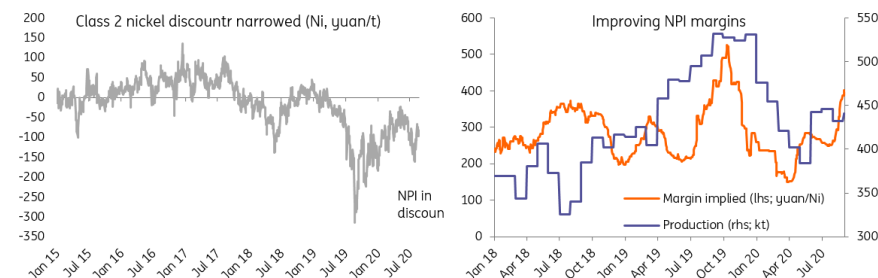
The implications to NPI/FeNi

The ore tightness could potentially lead to further losses in Chinese domestic NPI (nickel pig iron), although that's yet to be confirmed. If it does happen, it should add renewed pressure to squeeze Chinese production market share versus Indonesia supply. One of the key themes in the nickel industry in recent years has been a fast-rising Indonesia NPI capacity and expected large flows into China's market to feed the nation's huge stainless capacities.

The increased consumption of NPI by stainless mills has been at the sacrifice of class 1 nickel supply over the years. The structural shift comes amid a widened discount of NPI to Class-1 nickel (cathode etc.). Geographically, the fast development of the NPI business in Indonesia, riding an abundant on-site ore supply, saw rising flows of NPI to replace ore into the Chinese market, squeezing market share from local Chinese producers. A collapse in NPI margins has seen a collective cut of 100kt Ni among Chinese NPI producers so far this year.

Things have only improved slightly for Chinese NPI producers recently as implied margins have improved over the last couple of weeks. Strong demand from stainless mills have helped to give an uplift to the NPI prices, and the discount to Class-1 nickel has narrowed.

Restoring Class-2 discount and Chinese margins



Source: Bloomberg, ING

Rising Indonesia NPI supply to hit the China market, sooner or later

Strong demand from the stainless sector coupled with an issue with the ore supply looming in Chinese NPI production mean that things look constructive for the nickel market in the short term.

There are two remaining questions as to whether nickel's rally is sustainable. First, can the fast growth in stainless production be maintained? At least in the short term, this could be true. Expectations are that demand is usually more robust during September/October following a seasonality pattern and that also applies to the rest of industrial metals. Secondly, how soon could Indonesia boost their NPI exports to China, offsetting the potential supply losses from their local producers if ore tightness is really an issue?

With many new capacities being commissioned during 2Q20-3Q20, the market had previously expected rising exports to hit the Chinese market sooner. It could be that this has only been delayed rather than having disappeared.

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

Robert Carnell

Regional Head of Research, Asia-Pacific

robert.carnell@asia.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