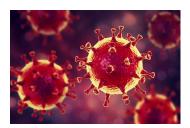


Bundles | 12 November 2020

Good MornING Asia - 12 November 2020

Tech stocks rebound as vaccine excitement wanes and markets refocus on surging US case numbers; Oil supported by OPEC+ deliberations on rolling cuts, but weighed by virus and demand concerns; Japan investment outlook remains weak ahead of 3Q GDP and India struggles with "stagflation"

In this bundle



India | Japan

Virus concerns return

Tech stocks rebound as vaccine excitement wanes and markets refocus on surging US case numbers; Oil supported by OPEC+ deliberations on rolling cuts, but...



China

China's loan growth shrinks

Loan growth shrank on a monthly basis, but that's a seasonal phenomenon, and it still rose year-on-year. Shadow banking continues to shrink on a...



New Zealand

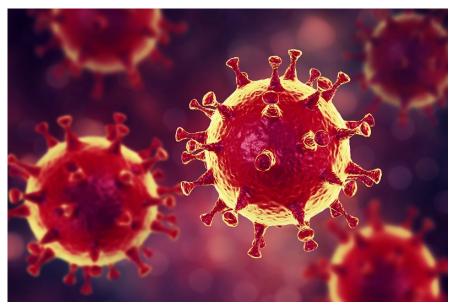
Rates unchanged in New Zealand

New Zealand's central bank delivers a mixed message while leaving rates unchanged and introducing a new funding-forlending program

India | Japan

Virus concerns return

Tech stocks rebound as vaccine excitement wanes and markets refocus on surging US case numbers; Oil supported by OPEC+ deliberations on rolling cuts, but weighed by virus and demand concerns; Japan investment outlook remains weak ahead of 3Q GDP and India struggles with "stagflation"



Corona virus

Market overview

My usual starting point of extrapolating the US close into the Asian open looks more questionable than usual today, with US equity markets dominated by a return to tech stocks (NASDAQ up 2.01%) as concern over surging US Covid-19 case numbers mounts, and prospects rise for renewed lockdowns (see also this by our strategists on the potential market impact of a vaccine). Industrial stocks in the Dow Jones index didn't fare so well and ended the day slightly in the red (-0.08%), and the S&P500 was someway in the middle, registering small gains (+0.77%). Equity futures in Asia today are greenish, but I wouldn't bet the farm on that being the theme for the whole day, and we need other yardsticks to figure out which way the market-wind is blowing today.

The same goes for FX markets. The USD had a strong day against some of the majors yesterday, including the JPY and the EUR. But it did less well against the commodity currencies. The NZD did particularly well as <u>negative rate expectations were pared back</u>. And in Asian EM space, it was also a mixed bag, with the THB unusually dominating the pack for a rare change, leading the KRW, and many of the other currencies languishing. Again, no clear theme here.

It is entirely possible that oil will play more of a role in FX space in the coming days, as the market tries to disentangle the negative signals coming from the pandemic figures, from the positive noises on OPEC+ rolling their cuts into next year. This OPEC+ view is increasingly becoming the consensus, the only question being whether this is for 3 or 6 months. So we should probably keep an eye on the MYR, as the region's main petro-currency.

G-7 outlook and events

As we get closer and closer to November 15th, it is worth reminding ourselves that this was once viewed as the last possible day for a Brexit deal. Time is needed for European countries to ratify any deal before the end of the year. So with each day that passes, the likelihood that we get a "deal/no-deal" decision grows. But as we have also learnt, deadlines can slip, and pragmatism can triumph if a deal looks within striking distance. Therefore we will not be surprised if Nov 15 comes and goes without any clear message on Brexit. Presumably, some sort of transition extension can be arranged if it's just a question of timing? And it's not as if all negotiations will immediately cease just because 15 Nov or even 31 Dec passes. I'm sure our UK and Brexit expert, James Smith, will have something to offer on this early next week, one way or another...

For what it is worth, the UK releases 3Q GDP data today, which of course precedes the latest lockdown. The consensus is for a 15.8% QoQ surge after the 2Q 19.8% plunge.

And Japan has released core machine orders data for September ahead of next week's 3Q GDP release. The -4,4% MoM September figure was worse than expected, though the year-on-year print beat expectations. This either means you should put no faith in consensus figures as they clearly contain no information. Alternatively, it means that because of substantial historical revisions to data like this, forecasts are a massive waste of time. It's probably both. And neither explanation helps.

I am looking for a fractionally weaker 18.6% pick up in 3QGDP after the 28.1% decline in 2Q20 (consensus is virtually the same at +18.9%QoQ, which is no guarantee of accuracy).

India - weak output, high inflation

Prakash Sakpal has this update on Indian data due today: "CPI inflation for October and industrial production for September are due today. Inflation exceeded the Reserve Bank of India's 6% policy limit in all but one month in the year through September. We don't think October will be any different, though there might be a slight dip to 7.1% YoY (from 7.3%) on the back of a high base effect. Food and transport prices remained the main drivers of high headline inflation. Meanwhile, persistently weak domestic demand outweighed firmer exports in September to keep the negative spell on industrial production growth, although to a lesser extent (INGF -3.2% YoY vs. -8.0% in August). We will review our 3Q GDP growth forecast, currently -17.6% YoY, in light of today's IP data".

Author

Amrita Naik Nimbalkar Junior Economist, Global Macro amrita.naik.nimbalkar@ing.com

Mateusz Sutowicz

Senior Economist, Poland mateusz.sutowicz@ing.pl

Alissa Lefebre

Economist <u>alissa.lefebre@ing.com</u>

Deepali Bhargava

Regional Head of Research, Asia-Pacific <u>Deepali.Bhargava@ing.com</u>

Ruben Dewitte

Economist +32495364780 <u>ruben.dewitte@ing.com</u>

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 <u>jesse.norcross@ing.com</u>

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 <u>frantisek.taborsky@ing.com</u>

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 <u>Katinka.Jongkind@ing.com</u>

Marina Le Blanc

Sector Strategist, Financials Marina.Le.Blanc@inq.com

Samuel Abettan

Junior Economist samuel.abettan@ing.com

Franziska Biehl

Senior Economist, Germany <u>Franziska.Marie.Biehl@ing.de</u>

Rebecca Byrne

Senior Editor and Supervisory Analyst rebecca.byrne@ing.com

Mirjam Bani

Sector Economist, Commercial Real Estate & Public Sector (Netherlands) mirjam.bani@inq.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 <u>egor.fedorov@ing.com</u>

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 <u>james.smith@ing.com</u>

Suvi Platerink Kosonen

Senior Sector Strategist, Financials suvi.platerink-kosonen@inq.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@inq.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 <u>Maureen.Schuller@ing.com</u>

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 <u>Dimitry.Fleming@ing.com</u>

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.schroder@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 <u>carlo.cocuzzo@ing.com</u> Snap | 11 November 2020

China

China's loan growth shrinks

Loan growth shrank on a monthly basis, but that's a seasonal phenomenon, and it still rose year-on-year. Shadow banking continues to shrink on a yearly basis, which is good news for the financial sector



A woman walks by a money exchange shop decorated with different countries' currency banknotes in Hong Kong

Don't worry about the small loan growth

Although the monthly change in loan growth may look worrying, it is no cause for alarm. It's actually quite normal to see small loan growth in October - the beginning of the fourth quarter. Yuan loans increased CNY689.8 billion in October after an increase of CNY1.8957 trillion in September. Though falling on a monthly basis, the increase was 4.1% year-on-year.

We should see a large increase in loan growth again at the beginning of 2021 which, again, is a seasonal phenomenon.

We are still positive about China's outlook

So we are still comfortable with this small loan growth in October.

We see a better recovery in activity data in October, especially in the domestic economy, as there was a long holiday in the month. We expect retail sales to rise 2.2% YoY though this is slower than the previous month's 3.3% increase due to some limitations on travel activities from Covid, and the

high base effect from last year.

Industrial production in October should be slightly lower, at 6.7% YoY growth from 6.8% in September. Export orders were weaker as the pandemic weighed on foreign demand in the US and Europe. Technology production for exports should also slow down because there has been more resistance in the US and Europe to using Chinese technological products.

Fixed asset investment should rise faster, at 1.1% YoY in October from 0.8% a month ago. Foreign demand does not affect investment in China as most of the fixed asset investment comes from government stimulus projects, which echoes the fast increase in government bond issuance. These projects include investment in technological self-reliance, which means building up the whole vertical chain of production, including parts and equipment. We are also likely to see projects for reconstruction after recent flooding.

Shadow banking continued to shrink

Shadow banking items continued to shrink, trust loans, entrusted loans and undiscounted bills all contracted on a yearly basis. This shows that the central bank's policies to reduce shadow banking activities have been effective so far.

Where is the risk then?

We saw a jump in the net issuance of government bonds of CNY493.1 billion, an increase of 62% YoY. Though the scale is still small, it shows that the Chinese government has continued with its fiscal stimulus, with some of the money coming from the issuance of government bonds. In this first data release, we can only see the headline number of government bond issuance, which does not break down into central and local government bonds.

Our worry is about local government bond issuance which supports infrastructure programmes. Local governments are keen to contribute to the economic recovery but they may end up investing in projects which do not yield a sustainable return. The risk is not here yet but it is a concern for the years to come.

Author

Iris Pang

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

New Zealand

Rates unchanged in New Zealand

New Zealand's central bank delivers a mixed message while leaving rates unchanged and introducing a new funding-for-lending program



0.25%

Official cash rate

Unchanged

As expected

No change in rates

The Reserve Bank of New Zealand (RBNZ) did not cut rates as we suggested last week might happen, following the recent 3Q20 spike up in the unemployment rate, and the 15bp cut administered by their central bank neighbours in Australia.

But where we go from here is considerably less clear.

On the one hand, you could argue that the new \$100bn funding-for-lending (FFL) program will circumvent the issues of housing-market overheating that further rate cuts might deliver. But there are problems with this. Unless the RBNZ can ensure that this lending predominantly supports businesses, it is often easier for cheap funding to simply fuel more mortgage lending, which has been the experience of a lot of other countries that have gone down this FFL route.

Likewise, the RBNZ's quantitative easing measures have also got it to the point where it now owns more than a third (37%) of all the outstanding stock of government bonds, with little further room to move. Such policies also tend to just drive down market and retail rates more generally, so any problems (such as overheating property) associated with easing policy rates further are shared by the current QE scheme.

House prices and employment change in New Zealand



Then there is the inconsistency between the RBNZ noting that the economy has actually been stronger than anticipated, but painting a downbeat picture of the quarters ahead, saying they won't be tightening policy any time soon, and noting they are making progress on being able to deliver a negative cash rate. It's very hard to reconcile today's rate pause (if it is just a pause) with the economic realities and keep a credible view open for negative rates in the not too distant future.

One interpretation of all this, and the one we are leaning towards, is that the RBNZ is playing a complicated game of expectations management, though one that trips over some existing economic realities. So the RBNZ is keen to keep expectations alive to the prospects of further easing and to dim the prospects of future tightening in order to keep rate expectations low, and thereby longer-term market rates and yields low.

But this is also pushing the housing market into overheating while the economy as a whole seems to be in decent shape. All things considered, New Zealand probably doesn't need any further monetary stimulus and is running out of effective channels through which to implement this if it doesn't want to create further distortions.

So if that is the case, despite all the talk to the contrary, then the RBNZ is probably done with easing, unless the economy does deliver a double-dip. As the same is almost certainly also true for the RBA, then both the NZDUSD and AUDUSD are likely to be dominated by anticipated USD weakness rather than local monetary policy actions over the coming months. We anticipate the NZD remaining close to 0.68 by the year-end, before rising to 0.70 in 1Q20.

Author

Amrita Naik Nimbalkar

Junior Economist, Global Macro amrita.naik.nimbalkar@ing.com

Mateusz Sutowicz

Senior Economist, Poland mateusz.sutowicz@ing.pl

Alissa Lefebre

Economist <u>alissa.lefebre@ing.com</u>

Deepali Bhargava

Regional Head of Research, Asia-Pacific <u>Deepali.Bhargava@ing.com</u>

Ruben Dewitte

Economist +32495364780 <u>ruben.dewitte@ing.com</u>

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 <u>jesse.norcross@ing.com</u>

Teise Stellema

Research Assistant, Energy Transition teise.stellema@ing.com

Diederik Stadig

Sector Economist, TMT & Healthcare <u>diederik.stadig@ing.com</u>

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 <u>frantisek.taborsky@ing.com</u>

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 <u>Katinka.Jongkind@ing.com</u>

Marina Le Blanc

Sector Strategist, Financials Marina.Le.Blanc@inq.com

Samuel Abettan

Junior Economist samuel.abettan@ing.com

Franziska Biehl

Senior Economist, Germany <u>Franziska.Marie.Biehl@ing.de</u>

Rebecca Byrne

Senior Editor and Supervisory Analyst rebecca.byrne@ing.com

Mirjam Bani

Sector Economist, Commercial Real Estate & Public Sector (Netherlands) mirjam.bani@inq.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 <u>egor.fedorov@ing.com</u>

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 <u>james.smith@ing.com</u>

Suvi Platerink Kosonen

Senior Sector Strategist, Financials suvi.platerink-kosonen@inq.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@inq.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 <u>Maureen.Schuller@ing.com</u>

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@inq.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 <u>Dimitry.Fleming@ing.com</u>

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 <u>carsten.brzeski@ing.de</u>

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.schroder@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

<u>qustavo.rangel@inq.com</u>

Carlo Cocuzzo

Economist, Digital Finance +44 20 7767 5306 carlo.cocuzzo@ing.com

Disclaimer

This publication has been prepared by the Economic and Financial Analysis Division of ING Bank N.V. ("ING") solely for information purposes without regard to any particular user's investment objectives, financial situation, or means. ING forms part of ING Group (being for this purpose ING Group N.V. and its subsidiary and affiliated companies). The information in the publication is not an investment recommendation and it is not investment, legal or tax advice or an offer or solicitation to purchase or sell any financial instrument. Reasonable care has been taken to ensure that this publication is not untrue or misleading when published, but ING does not represent that it is accurate or complete. ING does not accept any liability for any direct, indirect or consequential loss arising from any use of this publication. Unless otherwise stated, any views, forecasts, or estimates are solely those of the author(s), as of the date of the publication and are subject to change without notice.

The distribution of this publication may be restricted by law or regulation in different jurisdictions and persons into whose possession this publication comes should inform themselves about, and observe, such restrictions.

Copyright and database rights protection exists in this report and it may not be reproduced, distributed or published by any person for any purpose without the prior express consent of ING. All rights are reserved. ING Bank N.V. is authorised by the Dutch Central Bank and supervised by the European Central Bank (ECB), the Dutch Central Bank (DNB) and the Dutch Authority for the Financial Markets (AFM). ING Bank N.V. is incorporated in the Netherlands (Trade Register no. 33031431 Amsterdam). In the United Kingdom this information is approved and/or communicated by ING Bank N.V., London Branch. ING Bank N.V., London Branch is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. ING Bank N.V., London branch is registered in England (Registration number BR000341) at 8-10 Moorgate, London EC2 6DA. For US Investors: Any person wishing to discuss this report or effect transactions in any security discussed herein should contact ING Financial Markets LLC, which is a member of the NYSE, FINRA and SIPC and part of ING, and which has accepted responsibility for the distribution of this report in the United States under applicable requirements.

Additional information is available on request. For more information about ING Group, please visit www.ing.com.