

Bundles | 4 January 2019

Good MornING Asia - 4 January 2019

China PMIs and US Payrolls loom large today - more talks at the White House about potentially ending the government shutdown on the calendar and Jerome Powell speaking - if that doesn't interest you, you can watch pictures of China's dark-side moon landing

In this bundle



Watch the Data

China PMIs and US Payrolls loom large today - more talks at the White House about potentially ending the government shutdown on the calendar and Jerome...



ASEAN morning bytes

General market tone: Risk-off. Concerns about global growth continue to build on the back of weak manufacturing report from the US. The Asian markets are...



Asia week ahead: Redefining US-China trade relations

A positive turn in the US-China trade dispute following a phone call between Presidents Trump and Xi last weekend will get a reality check at the trade...

Opinion | 3 January 2019

Watch the Data

China PMIs and US Payrolls loom large today - more talks at the White House about potentially ending the government shutdown on the calendar and Jerome Powell speaking - if that doesn't interest you, you can watch pictures of China's dark-side moon landing.



Source: iStock

Plenty to keep you occupied today

As well as the service sector and composite follow up to the disappointing manufacturing Caixin index out of China today, US non-farm payrolls is another potentially market-moving release. Whilst the Caixin index will likely echo the weakness of the earlier manufacturing sector, employment data out of the US could be unexpectedly upbeat, following a strong ADP release yesterday. As ever, wages will be the key to watch. Frankly, a strong wages number will go down with markets like a cup of cold poison, given that it will bring Fed hikes back into play, so a more market-friendly outcome will be one in which employment continues to grow, but wages growth continues its lichen-like progression and provides the Fed with the room to deliver the pause the market so clearly thinks it needs to deliver.

Also on that front, Jerome Powell, plus Janet Yellen and Ben Bernanke, all speak today at the American Economic Association in Atlanta. While these events rarely deliver market moving content, this is always an outside possibility. In particular, remarks by Fed chair Powell that nodded in the direction of the weak stock market as a significant factor for Fed consideration (it is after-all a type of financial tightening) could be important. What Bernanke and Yellen say, though possibly

interesting, should have no market impact. They are no longer pulling the levers.

Meanwhile, back at the White House

There have been quite a few estimates of the economic impact of the partial US government shutdown, but the over-riding message is that this is a political battle, not an economic one, unlike the Trade war with China. There is more talk of Congress leaders meeting with President Trump later today to try to thrash out a compromise deal. But neither side appears willing to give any significant ground, and we aren't holding out much hope that this is over by the time we come back into the office on Monday morning. The faintest glimmer was a remark by the US President that he might be able to build his wall for less than the original sum demanded. This might sow the seeds of a compromise around which a deal could be struck to end the shutdown.

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 ruben.dewitte@ing.com

Kinga Havasi

Economic research trainee kinga.havasi@inq.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 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 <u>Katinka.Jongkind@ing.com</u>

Marina Le Blanc

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

Samuel Abettan

Junior Economist samuel.abettan@ing.com

Franziska Biehl

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

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 <u>maurice.van.sante@ing.com</u>

Marcel Klok

Senior Economist, Netherlands marcel.klok@inq.com

Piotr Poplawski

Senior Economist, Poland piotr.poplawski@inq.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 <u>Warren.Patterson@asia.ing.com</u>

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

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 carlo.cocuzzo@ing.com

ASEAN morning bytes

General market tone: Risk-off. Concerns about global growth continue to build on the back of weak manufacturing report from the US. The Asian markets are taking a cue from the overnight sell-off in the US.



International theme: Manufacturing in major economies sputter

• Investors are expected to remain defensive with Apple adding to expectations for weaker demand from China in the coming months. In addition, disappointing manufacturing data appears to have infected the US with traders looking to the trio of Fed chairs, past, and present who speak later on Friday.

EM Space: Risk aversion dominates in Asian emerging markets

- **General Asia:** With Apple slashing its earnings outlook on expectations of poor sales from China, Asian suppliers to the Apple supply chain will likely take a hit on Friday. General risk aversion will most possibly be the theme on Friday.
- Malaysia: November trade data is due. An outsized monthly jump in exports in October is expected to have retraced while falling commodity prices also weighed on growth. This has likely dented annual export growth to low single-digits in November from 18% recorded in the previous month. Yet about 15% year-to-date growth in the USD-denominated exports was an impressive performance among Asian countries. Weak global demand and lower oil price cloud outlook for the economy and the Malaysian ringgit in 2018.

- **Singapore:** The overall manufacturing activity continued to expand in December though at a slower pace while electronics continued to be the weak link. The headline PMI index fell to 51.1 in the last month from 51.5 in November. The electronics sector PMI remained in the sub-50 contractionary territory for the second straight month.
- Thailand: Earlier this week we flagged our doubt about general elections scheduled on 24 February actually taking place on that date. And indeed Deputy Prime Minister Wissanue Krea-ngam said yesterday that the poll could be delayed to avoid the elections process from clashing with the royal coronation in early May. He also pointed to delay in the royal decree calling for an election from its scheduled publication this week. The political uncertainty will be one of the key driving themes for local markets this year.
- Indonesia: The central bank was active for a second straight day on Thursday with the IDR vulnerable to risk-off sentiment sparked by fears of slowing global economic growth. Bank Indonesia's executive director for monetary management indicated that monetary authorities were intervening to support the IDR in the local non-deliverable forward market. With inflation in Indonesia benign, BI's main focus will be on maintaining IDR stability in the coming months.
- Philippines: Data on December 2018 inflation will be reported later in the morning session with Bloomberg consensus estimates at 5.6% as food and energy prices trek lower. Falling crude oil prices have been quickly reflected in Philippine pump prices which convinced the government to walk back its previously announced transport fare adjustment. Should inflation continue to edge lower and return to target by 2Q, the BSP will likely reverse its previously hawkish stance by slashing borrowing costs as early as the May 9 meeting.

What to look out for: US NFP report

- Philippines inflation (4 January)
- China Caixin PMI services (4 January)
- Malaysia trade data (4 January)
- Thailand GIR (4 January)
- EZ inflation (4 January)
- US NFP (4 January)

Author

Nicholas Mapa

Senior Economist, Philippines nicholas.antonio.mapa@asia.ing.com

Asia week ahead: Redefining US-China trade relations

A positive turn in the US-China trade dispute following a phone call between Presidents Trump and Xi last weekend will get a reality check at the trade talks on 7 January



Source: Shutterstock

🗘 Another round of US-China trade talks

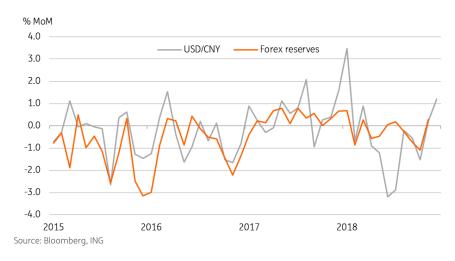
After the dismal manufacturing numbers from China and Apple's downgrade of their earnings forecasts, the forthcoming US-China trade talks on 7th January offer some hope for the two sides to come to terms with the adverse consequences of their ongoing trade dispute.

President Trump hailed the 'positive progress' on trade after his latest phone call with President Xi. Having suffered heavily from intensified uncertainty since the Trump-Xi and G-20 summit, markets will cheer if there is a further push towards a trade deal by the end of March. However, any

backtracking on the imposed tariffs isn't really something one can hope for, which means the negative medium-term impact on both economies and thereby on the rest of the world will be inevitable.

China's economic data will continue to be gleaned for the trade war impact. We think the monetary data (aggregate financing and new bank lending) will be closely watched for evidence of stimulus. Meanwhile, the yuan's 1.2% appreciation in December, the most in the last twelve months, augurs well for sustained improvement in China's foreign exchange reserves after the decline in reserves in November.

China's FX reserves and USD/CNY exchange rate changes

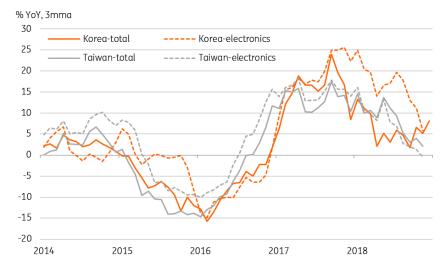


Otherwise, a light economic calendar

Aside from Taiwan's December trade figures, there isn't a whole lot to be excited about in Asia. Like Korea, Taiwan's exports are the front-line victims of the potential slump in global demand and the slowdown is already underway in the heavy-weight electronics segment. Judging from Korean exports in December, we believe the annual contraction in Taiwan's exports deepened in December (ING forecast -12.0% YoY vs -3.4% in November).

Finally, Malaysia's trade and industrial production data will be key for the central bank meeting later this month (24th January) as these indicators will tell us about GDP growth in the last quarter of 2018. An all-time low manufacturing PMI in December wasn't really great news here, and this tips the balance of risks for the central bank policy towards easing - though we don't think the central bank will rush in that direction just yet.

Korea and Taiwan export growth



Source: CEIC, ING

Asia Economic Calendar

Country	Time*	Data/event	ING	Survey	Prev.
		Monday 7 January			
China	-	Dec Forex Reserves (US\$bn)	3070.0	-	3061.7
India	1200	2019 GDP Annual (YoY%)	-	-	6.7
Hong Kong	-	Dec Forex Reserves (US\$bn)	-	-	423.2
Philippines	0900	Dec Forex Reserves (US\$bn)	76.4	-	74.7
Taiwan	0800	Dec Exports (YoY%)	-12.0	-	-3.4
	0800	Dec Imports (YoY%)	-7.4	-	1.1
	0800	Dec Trade Balance (US\$bn)	4.2	-	4.7
		Tuesday 8 January			
Taiwan	0800	Dec CPI (YoY%)	0.0	-	0.3
	0800	Dec WPI (YoY%)	2.5	-	3.3
		Wednesday 9 January			
South Kored	0000	Dec Unemployment Rate (% SA)	3.9	-	3.8
		Thursday 10 January			
China	0130	Dec PPI (YoY%)	2.3	-	2.7
	0200	Dec CPI (YoY%)	2.1	-	2.2
		Friday 11 January			
China	-	Dec Aggregate Finance (CNY bn)	1819.0	-	1519.1
	-	Dec Financial Institution Loans (CNY bn)	1450.0	-	1250.0
	-	Dec Money Supply (M2) (YoY%)	8.1	-	8.0
Malaysia	0400	Nov Industrial Production (YoY%)	2.1	-	4.2
Singapore	0500	Nov Retail Sales Value (MoM/YoY%)	0.2/0.6	-/-	-0.4/0.1
Philippines	0100	Nov Exports (YoY%)	5.3	-	3.3
	0100	Nov Imports (YoY%)	13.7	-	21.4
	0100	Nov Trade Balance (US\$m)	-3974.0	-	-4210.0

Source: ING, Bloomberg, *GMT

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 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 <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@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 <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 <u>suvi.platerink-kosonen@inq.com</u>

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 <u>ciprian.dascalu@ing.com</u>

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

gustavo.rangel@ing.com

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.