

Bundles | 12 June 2020

Ou view on next week's key events

Discover what ING analysts are looking next week in our global economic calendars

In this bundle



Key Events

Key events in developed markets this week

All European eyes will be on the EU summit next week where the Recovery fund proposal will be discussed. The Bank of England meets too and we expect...

By James Knightley, James Smith and Bert Colijn



Asia week ahead: Central banks up for more rate cuts

Three Asian central banks will decide policies next week - Japan, Taiwan, and Indonesia. Two are expected to cut policy rates further and one will stay on...



Key Events

Key events in EMEA and Latam this week

An exciting week ahead in EMEA and Latam with central bank meetings in Poland, Brazil and Russia. Expect a rate cut from Russia on the back of subdued...

By Dmitry Dolgin

Article | 12 June 2020 Key Events

Key events in developed markets this week

All European eyes will be on the EU summit next week where the Recovery fund proposal will be discussed. The Bank of England meets too and we expect policymakers to further increase the QE target next week. In the US, expect a surge in US retail sales as lockdown measures ease.



Source: Shutterstock

US: Re-opening rebound

The US focus will be on how high retail sales and industrial production bounce following the ending of lockdowns across many states. Given car sales numbers have rebounded strongly we expect robust retail sales, but significant pent-up demand means we see upside for spending more broadly especially given that the uprating of unemployment benefits has boosted incomes.

Factory re-starts should also mean robust manufacturing activity, but oil and gas extraction will be a drag on industrial production overall. However, social distancing, consumer caution and the fact employment remains nearly 20 million below the levels of February means gains after this initial re-opening surge will be more challenging to come by.

Bank of England to expand QE amid slow recovery

The Bank of England expanded its quantitative easing programme back in March to give it room to expand its balance sheet by £200bn. Since then, the Bank has bought around £140bn worth of

government bonds, and at the current rate of buying looks set to hit the limit over the next couple of months.

But with the economic recovery still in its very early stages, we'd expect policymakers to further increase the QE target next week. A couple of MPC members voted for a £100bn increase at the last meeting, but according to our Rates Strategy team, this kind of expansion may only just see policymakers through to the September meeting.

To avoid premature discussion about ending the policy or of tapering, we're inclined to say the Bank will go for something in the region of a £150bn increase next week.

Brexit leaders set to inject talks with political lease of life

It's fair to say Brexit talks haven't really gone anywhere over the past few rounds. In theory that might change, with UK prime minister Boris Johnson and EU Commission President Von der Leyen set to hold talks. But while this might help revive hopes of a free-trade deal later this year – something that we still narrowly think is most likely – the reality is that the ball is firmly in the UK's court.

Britain faces a decision on whether to align with EU state aid rules if it wants tariff-free access. Still, for the economy, the main thing to remember that even with a deal, the UK is leaving the single market and customs union at the end of this year, and this is where the bulk of the costs and disruption are likely to come from.

Eurozone: Recovery Fund discussions begin

Next week, all European eyes will be on the EU summit where the Recovery fund proposal by the European Commission will be discussed.

Positions have been taken with the countries usually critical of burden-sharing demanding a smaller size and not grants but loans to be distributed to the harder hit member states and sectors. We view the Commission proposal mainly as a starting point for the negotiations and think it is by no means a certainty that a deal will be struck this week.

It could well be summer – when Germany takes over the EU presidency – before a decision on a possible recovery fund is made.

✓ Norway: Rates at zero for longer

The Norges Bank meets on Thursday, having cut rates in May to zero percent. We don't expect any major changes this change, and Governor Olsen has been clear that there's little appetite for negative rates or quantitative easing, given neither are particularly viable options for the Norwegian economy. We expect rates to remain on hold for at least the remainder of 2020 and 2021. Sure, the situation for oil prices and NOK have somewhat improved, but it remains the case that the relatively low oil prices could have long-lasting effects on oil investment. Meanwhile in comparison to its Swedish neighbours, a stricter lockdown policy will have created a serious dent in second quarter GDP.

Developed Markets Economic Calendar

Country	Time Data/event	ING	Survey	Prev.
	Monday 15 June			
US	1600 Fed's Kaplan Speaks to the Money Marketeers			
Japan	0530 Apr Tertiary industry index (MoM%)	-5.4	-	-4.2
Eurozone	1000 Apr Trade Balance (€bn)	21943	-	23482
Italy	0900 May F HICP (YoY%)	-	-	-0.2
	Tuesday 16 June			
US	1330 May Advance Retail Sales (MoM%)	9.5	7.9	-16.4
	1330 May Retail Sales ex. Auto and Gas (MoM%)	5.5	4.0	-16.2
	1415 May Industrial Production (MoM%)	3.8	2.8	-11.3
	1500 Powell Delivers Semi-Annual Policy Report to Senate Panel			
Japan	- Policy Rate	-0.1	-	-0.10
	- BoJ 10-year yield target (%)	-	-	0.00
Germany	0700 May F CPI (MoM/YoY%)	-0.1/0.6	-/-	-0.1/0.6
	1000 Jun ZEW Current Situation Index	-65.0	-	-93.5
UK	0700 Apr Weekly Earnings (3M avg)	1.7	-	2.4
	0700 Apr Weekly Earnings ex Bonus (3M avg)	2.2	-	2.7
	0700 Apr ILO Unemployment Rate (3M avg.)	4.7	-	3.9
	0700 Apr Employment Change (3M/3M)	-110	-	210
Australia	0230 RBA Minutes of Jun. Policy Meeting			
	0230 1Q House price index (QoQ/YoY%)	0.4/6.5		3.9/2.5
	Wednesday 17 June			
US	2100 Fed's Mester Speaks on the Fed's Response to Co	vid-19		
Japan	0050 May Imports (YoY%)	-15.0	-	-7.1
•	0050 May Exports (YoY%)	-23.0	-	-21.9
Eurozone	1000 May F CPI (MoM/YoY%)	-0.1/0.1	-/-	-0.1/0.1
UK	0700 May CPI (YoY%)	0.5	-/-	8.0
	0700 May Core CPI (YoY%)	1.2	-	1.4
Canada	1330 May CPI (MoM/YoY%)	-0.1/-0.5	-/-	-0.7/-0.2
New Zealand	2345 1Q GDP (Q) (QoQ SA/ YoY)	-0.5/1.5	-/-	0.5/1.8
Sweden	0830 May Unemployment Rate (%)		· -	8.2
	Thursday 18 June			
UK	1200 BoE Policy Rate	0.1	-	0.10
	1200 BoE Asset Purchase Program Total	795		645
Australia	0230 May Employment change ('000)	-230		-594
Addida	0230 May Unemployment rate (%)	6.5	_	6.2
	0230 May Participation rate (%)	62.5	_	63.5
Norway	0900 Deposit Rates	0.00	_	0.00
Switzerland	0830 SNB Sight Deposit Interest Rate	0.00		-0.75
SWIGZEITAITA	Friday 19 June			0.73
US	1800 Fed Chair Powell Joins Mester for Youngstown Co	ommunitu Event		
Japan	0030 May National CPI (YoY%)	0.3	· -	0.1
эаран	0030 May CPI ex-food, energy (YoY%)	0.5	_	0.1
UK	0700 May Retail Sales ex Auto Fuel (MoM/YoY%)	4/-14.9	-/-	-15.2/-18.4
UK		4/-14.9 5/-18.5	-/- -/-	-15.2/-18.4
	0700 May Retail Sales (MoM/YoY%)	3/-16.3	-/-	-18.1/-22.6 89.5
	0700 May Public Finances (PSNCR)	-	-	
	0700 May PSNB ex Banks (£bn)	-	-	62.1

Source: ING, Bloomberg

Bundles | 12 June 2020

5

Author

James Knightley

Chief International Economist, US <u>james.knightley@ing.com</u>

James Smith

Developed Markets Economist, UK <u>james.smith@ing.com</u>

Bert Colijn

Chief Economist, Netherlands bert.colijn@ing.com

Asia week ahead: Central banks up for more rate cuts

Three Asian central banks will decide policies next week - Japan, Taiwan, and Indonesia. Two are expected to cut policy rates further and one will stay on hold. No point in guessing that the Bank of Japan meeting will pass as a non-event



Source: Shutterstock

4.25% Bank Indonesia policy rate

After 25bp cut next week

Bundles | 12 June 2020 6

Central bank policy

Central banks in Japan, Taiwan, and Indonesia hold their monetary policy meetings.

Having pledged an unlimited purchase of government bonds since March, yields close to zero, and the main policy rate negative, Japan's central bank monetary easing has run out of steam. Nobody expects them to do anything next week. Yet, keeping with his usual dovish rhetoric, Governor Haruhiko Kuroda today committed all necessary steps to support cash-strapped business and protect jobs. But, he also regarded easing so far as "sufficient and appropriate". Does this still leave any interest in the BoJ meeting?

The most important thing now is to provide necessary financing to firms through the banking system, and to make financial markets stable.- BoJ Governor Kuroda

The Central Bank of China, Taiwan's central bank, is expected to continue with its piecemeal policy easing and cut the interest rates by another 12.5 basis points to 1.0%, an all-time low. This is just a second rate cut in this easing cycle as the economy is almost unscathed by the Covid-19 pandemic and we see this as the end of the easing cycle.

And one of Asia's aggressive easer since mid-2019, Bank Indonesia, will be back in action next week, delivering another 25bp policy rate cut to 4.25%. Indonesia's GDP growth has slowed sharply and inflation has been subdued, warranting more policy accommodation. Moreover, the usual headwind for BI easing, the weak currency, has been absent; the Indonesian rupiah has been an emerging market outperformer since April. If continued, these trends will open doors for more BI rate cuts ahead.

Busy data calendar

The next batch of China's activity data for May arrives next week. This includes key indicators such as industrial production, retail sales, and fixed-asset investment. The consensus estimates point to an improvement in these indicators, albeit smaller declines in retail sales and investment.

The key question of the week is whether Singapore's non-oil domestic exports continue to buck the weak exports trend.

The calendar is also heavy on the external trade figures for May coming from India, Indonesia, Japan and Singapore. The export weakness is seen accelerating in most Asian economies. But, Singapore's non-oil domestic exports (NODX) have been in the limelight recently for bucking the weak trend on the back of surging pharmaceutical demand in this global pandemic. Whether that continued in May needs to be seen. The consensus suggests another month of positive NODX growth. But we are sceptical and look for a 6% YoY fall.

And the May jobs report in Australia and New Zealand's first-quarter GDP report will make into the headlines.

Asia Economic Calendar

Country	Time Data/event	ING	Survey	Prev.
	Monday 15 June			
China	0230 May New home prices (YoY%)	5.4	-	5.2
	0300 May Industrial Production (YoY%)	4.2	5	3.9
	0300 May Retail Sales (YoY%)	-6	-2	-7.5
	0300 May Fixed asset investment (YTD, YoY%)	-9.5	-6	-10.3
India	0730 May WPI (YoY%)	-1	-1.1	1
	- May Trade deficit (US\$bn)	-6.4	-7.048	-6.76
	- May Exports (YoY%)	-73	-	-60.28
	- May Imports (YoY%)	-69	-	-58.65
Indonesia	0500 May Trade balance (US\$mn)	-419	-	-344.7
	0500 May Exports (YoY%)	-19.3	-	-7.02
	0500 May Imports (YoY%)	-26.9	-	-18.58
	Wednesday 17 June			
Singapore	0130 May Non-oil domestic exports	-9.0/-6.1	-/-	-5.8/9.7
	Thursday 18 June			
Indonesia	0820 Bl policy decision (7-day reverse repo, %)	4.25	-	4.5
Taiwan	- Benchmark Interest Rate	1.000	-	1.125
Source: ING, Blo	pomberg, *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

alissa.lefebre@ing.com

Deepali Bhargava

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

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

10

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

Bundles | 12 June 2020

Sector Strategist, Financials Marina.Le.Blanc@ing.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 <u>nicholas.antonio.mapa@asia.ing.com</u>

Egor Fedorov

Senior Credit Analyst

egor.fedorov@ing.com

Sebastian Franke

Consumer Economist

sebastian.franke@inq.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@ing.pl

Paolo Pizzoli

Senior Economist, Italy, Greece paolo.pizzoli@inq.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 <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

15

+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 Article | 12 June 2020 Key Events

Key events in EMEA and Latam this week

An exciting week ahead in EMEA and Latam with central bank meetings in Poland, Brazil and Russia. Expect a rate cut from Russia on the back of subdued inflation and weak local demand



Source: Shutterstock

A rate cut from the Bank of Russia

The Bank of Russia is expected to cut the key rate (currently at 5.50%) on 19 June, and we are on the conservative side of the 50-100bp consensus range.

Acknowledging the below-expected CPI growth of 3.0-3.1% YoY and weakness in local demand, the central bank is still quite wary of risks to the Russian capital account. In fact, most central bank decisions in the last 7-8 years could be easily interpreted through the prism of strengthening the capital account.

In practical terms, with net private capital outflows <u>accelerating</u> from a monthly US\$4-7bn in the first four months of the year to US\$10bn in May, and foreign portfolio inflows to the local public debt stagnating at +US\$0.7bn per month in April-May, the central bank may opt to keep the road to the rate floor, which we see at 4.0% in 2021, more gradual.

Additional arguments against a large-scale cut (even though the CBR mentioned the 100bp cut as one of the options on the table) include the activity data for May, the second and final month of the nationwide Covid-19 lockdown, also to be released next week.

- First, the drop in industrial production is likely to deepen from -6.6% YoY in April to -7-8% YoY in May, however, this deterioration will be driven by Russia's 96-99% compliance with OPEC++ oil production cuts.
- Second, based on high-frequency data, retail trade should somewhat recover from the -23.4% YoY drop in April to -16-17% in May.

In any case, as the central bank's representatives have indicated that in Russia monetary easing would be more efficient when secondary effects kick in, rather than during or immediately after the lockdown. We believe that regardless of the scope of 19 June rate cut, the CBR is likely to maintain a generally dovish tone.

EMEA and Latam Economic Calendar

Country	Time Data/event	ING	Survey	Prev.
	Monday 15 June			
Poland	0900 May F CPI (MoM%/YoY%)	-/-	-/-	-0.2/2.9
	1300 Apr C/A (€mn)	-	-	2438
	1300 Apr Trade Balance (€mn)	-	-	-69.0
	1300 Apr Exports (€)	-	-	18763
	1300 Apr Imports (€)	-	-	18832
Czech Rep	0900 Apr C/A (CZKbn)	-	-	-0.49
Romania	- Apr C/A YTD (€m)	-	-	-1365
Kazakhstan	- May Industrial Production Yearly	-	-	6.2
Bulgaria	0900 May CPI (MoM/YoY%)	0.0/1.7	-/-	-0.6/1.8
Israel	1630 May CPI (MoM/YoY%)	-/-	-/-	-0.3/-0.6
	Tuesday 16 June			
Russia	1700 May Industrial Production (YoY%)	-7.0	-8.3	-6.6
Poland	1300 May Core Inflation (MoM/YoY%)	-/-	-/-	0.8/3.6
	- Base Rate (%)	-	0.10	0.10
Czech Rep	0800 May PPI (Industrial) (MoM/YoY%)	-/-	-/-	-0.5/-0.8
Israel	1100 1Q P GDP (QoQ Annualised %)	-	-	-7.1
Brazil	1300 Apr Retail Sales (YoY%)	-20.0	-	-1.2
	Wednesday 17 June			
Russia	1700 1Q P GDP (YoY%)	1.6	1.6	1.6
South Africa	0900 May CPI (MoM%/YoY%)	-/-	-0.3/3.2	0.3/4.1
	0900 May Core CPI (MoM/YoY%)	-/-	0.1/-	0.6/2
	1200 Apr Retail Sales (MoM%)	-	-	-0.4
Brazil	- Selic Rate	2.25	2.25	3.00
	Thursday 18 June			
Russia	1700 May PPI (MoM/YoY%)	-/-	-4.4/-15.4	-7.2/-10.4
Poland	0900 May Avg Gross Wages (MoM%/YoY%)	-/-	-/1.4	-3.7/1.9
	0900 May Employment (MoM/YoY%)	-/-	-/-2.8	-2.4/-2.1
	1300 National Bank of Poland Publishes Mini	utes of Rat	e Meeting	
Israel	- Jun 12Mth Inflation Forecast (%)	-	-	0.6
	Friday 19 June			
Russia	1130 Key Rate (%)	5.00	4.75	5.50
	1700 May Retail Sales (YoY%)	-16.0	-16.6	-23.4
	1700 Apr Real wages (YoY%)	-8.1	-3.0	5.9
Poland	0900 May Industrial Output (MoM/YoY%)	-/-	-/-18.0	-25.5/-24.6
	0900 May PPI (MoM/YoY%)	-/-	-/-1.5	-0.6/-1.3
Ukraine	- 1Q F GDP (YoY%)	-1.5	-	-1.5
Serbia	- Apr C/A (€mn)	-	-	-462.6
Croatia	1000 May Unemployment Rate (%)	-	-	9.4
	1000 Apr Real Wages (YoY%)	-	-	0.7
Source: ING Bloo				

Source: ING, Bloomberg

Author

Dmitry Dolgin
Chief Economist, CIS
dmitry.dolgin@ing.de

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.