

Bundles | 29 November 2019

Our view on next week's key events

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

In this bundle



Key Events

Key events in developed markets

A batch of sentiment indicators in Europe and the US this week are likely to paint the picture of a struggling manufacturing sector. We'll also see...

By James Knightley



Asia week ahead: RBA to stay on hold, RBI to cut again

It's going to be a busy week in Asia dominated by the usual start-of-the-month economic releases as well as India and Australia's central bank...



Key Events

Key events in EMEA and Latam

A busy calendar next week in EMEA. While we believe that the Turkish economy could be improving, we are likely in for some disapointing figures in Czech....

By Peter Virovacz and Muhammet Mercan

Key Events

Key events in developed markets

A batch of sentiment indicators in Europe and the US this week are likely to paint the picture of a struggling manufacturing sector. We'll also see two central bank meetings from Australia and Canada - both expected to hold. Add US non-farm payrolls to the mix on Friday, should all make for an interesting week ahead



Source: Shutterstock

US: Data to support a December hold

Next week's data should confirm that the Federal Reserve will be on hold in December.

Officials had already indicated that they wanted to take stock after three rate cuts implemented since July and with third-quarter GDP being revised higher and the jobs report likely showing a strong rebound in employment (admittedly thanks in large part to the ending of the strike at General Motors) they will have plenty to justify a pause. Nonetheless, we remain cautious on the outlook given weak global demand, the strong dollar and lingering trade tensions. The ISM indices are likely to remind us that growth has slowed and the manufacturing sector, in particular, is struggling.

We still see a strong chance of further rate cuts in early 2020.

Bank of Canada to remain on hold

The bank of Canada will probably leave interest rates unchanged but there is a growing chance of a rate cut given the recent stated concern about the global backdrop and the vulnerability of Canada to global demand and commodity price moves.

Developed Markets Economic Calendar

Country	Time	Data/event	ING	Survey	Prev.			
Monday 2 December								
United States	1445	Nov ISM Manufacturing	49	49.5	48.3			
Eurozone	0900	Nov F Markit Manufacturing PMI	46.6	-	46.6			
	1400	ECB President Lagarde Testifies at European Parliament						
United Kingdom	0930	Nov F Markit/CIPS Manufacturing PMI	-	-	48.3			
Norway	0800	Nov DNB/NIMA Manufacturing PMI	-	-	54.87			
Sweden	0730	Nov Manufacturing PMI	-	-	46			
Japan	2350	Nov Monetary base (JPY tr)	519	-	523			
		Tuesday 3 December						
Australia	0330	RBA Cash Rate Target	0.75	0.75	0.75			
		Wednesday 4 December						
United States	1315	Nov ADP Employment Change (000's)	-	155	125			
	1500	Nov ISM Non-manufacturing	54	54.5	54.7			
Eurozone	0900	Nov F Markit Services PMI	51.5	_	51.5			
	0900	Nov F Markit Composite PMI	50.3	_	50.3			
United Kingdom	0930	Nov F Markit/CIPS Services PMI	-	_	48.6			
,	0930	Nov F Markit/CIPS Composite PMI	_	_	48.5			
Canada		Bank of Canada Policy Rate	1.75	1.75	1.75			
Australia		3Q GDP (SA QoQ/ YoY%)	0.5/1.6	-/-	0.5/1.4			
Norway		3Q Current Account Balance (NOKbn)	_	_	30.587			
Sweden	0730	Nov Swedbank/Silf Services PMI	_	_	49.50			
	0830	3Q Current Account Balance (SEKbn)	_	_	37			
New Zealand	2300	RBNZ Announces Bank Capital Review Decisions						
		Thursday 5 December						
United States	1330	Oct Trade Balance (US\$bn)	-54	-53.4	-52.45			
Eurozone	1000	Oct Retail Sales (MoM/YoY%)	0.2/2.5	-/-	0.1/3.1			
20.020	1000	3Q F GDP (MoM/YoY%)	0.2/1.2	_	0.2/1.2			
Germany	0700	Oct New Orders (MoM/YoY%)	0.5/-4.9	2.2/-2.2	1.3/-5.4			
Australia	0030	Oct Trade balance (A\$mn)	7612	_	7180			
	0030	Oct Retail sales (MoM%)	0.3	_	0.2			
Japan	2330	Oct Labor cash earnings (YoY%)	0.6	_	0.5			
•	2330	Oct Household spending (YoY%)	-5.1	_	9.5			
		Friday 6 December						
United States	1330	Nov Change in Nonfarm Payrolls ('000s)	210	195	128			
		Nov Unemployment Rate (%)	3.6	3.6	3.6			
		Nov Average Hourly Earnings (MoM/YoY%)	0.3/3.1	0.3/3.1	0.2/3.0			
		Nov Participation Rate	_	_	63.3			
		Dec P U. of Mich. Sentiment Index	95.8	96	96.8			
Germany		Oct Industrial Production (MoM/YoY%)	-0.2/-3.8	-/-	-0.6/-4.3			
		Oct Industrial Production (YoY%)	-	· -	-4.3			
Canada		Nov Net Change in Employment	_	_	-1.8			
		Nov Unemployment Rate (%)	_	_	5.5			
Norway		Oct Industrial Production (MoM/YoY%)	-/-	-/-	-0.5/-8.1			
Source: ING, Bloon			,		2.2. 0.1			

Author

James Knightley

Chief International Economist, US

james.knightley@ing.com

Asia week ahead: RBA to stay on hold, RBI to cut again

It's going to be a busy week in Asia dominated by the usual start-ofthe-month economic releases as well as India and Australia's central bank meetings



Source: Shutterstock

🔾 A mix bag of central bank policy

The Reserve Bank of Australia and the Reserve Bank of India meet next week. Australia's exceptionally <u>weak labour report</u> for October made a case for more RBA easing. Adding to the pressure was Governor Philip Lowe's reluctance for quantitative easing, expressed in his speech earlier this week, which now has markets pricing in more interest rate cuts. However, many (including us) are sceptical we will get a rate cut next week; the implied market probability of a 25 basis point rate cut next week is only 12%.

Supporting the stable RBA policy call would be the third-quarter GDP data showing firmer growth. But, the release comes a day after the central bank meeting, which doesn't make it a timely input for policymakers.

Staying ahead in the global easing cycle, India's central bank looks poised to cut rates again by 25 basis point next week given that growth continues to be on a steady downward path. Governor Shaktikanta Das is determined to ease for as long as it takes. However, aggressive policy stimulus on both monetary and fiscal sides has started stoking inflation, pushing it above the RBI's 4% comfort level in recent months, which means this could be the last cut of this easing cycle.

And a data-packed calendar

Trade, purchasing manager index (PMI), and inflation figures dominate the data calendar.

Korea's trade data for November will serve as a guide to the rest of Asia's exports this month. Even if the uncertainty on the US-China trade front continues, exports have at least stopped getting worse, including electronics exports, the mainstay of some Asian countries. Albeit ongoing trade noise, we expect the Asian trade picture to be clearer, and better too going into 2020, at least from a statistical perspective as the base effects will normalise, if not fundamentally. The export order components of manufacturing PMIs will be an interesting watch from this perspective.

Inflation remains benign throughout the region (spare India, as mentioned earlier). Low inflation and continued weak growth outlook suggest central bank policy should remain accommodative at least through 2020, though the current easing cycle has almost drawn to a close.

Asia Economic Calendar

Country	Time	Data/event	ING	Survey	Prev.			
Saturday 30 November								
China	0100	Nov Manufacturing PMI	49.5	49.5	49.3			
	0100	Nov Non-manufacturing PMI	52.5	53.1	52.8			
South Korea	0000	Nov Trade balance (US\$mn)	5.5	4950	5341			
	0000	Nov Exports (YoY%)	-6.1	-9.7	-14.8			
	0000	Nov Imports (YoY%)	-8.4	-12.1	-14.6			
		Sunday 1 December						
South Korea	2300	Nov CPI (YoY%)	0.9	0.7	0.2/0.0			
	2300	Nov Core CPI (YoY%)	0.7	0.8	0.8			
		Monday 2 December						
South Korea	2300	3Q F GDP (QoQ/YoY%)	0.5/2.1	-/-	0.4/2.0			
	0030	Markit South Korea PMI mfg	48.7	-	48.4			
India	0500	Markit India PMI Mfg	51	-	50.6			
Hong Kong	0830	Oct Retail sales value (YoY%)	-24.9	-	-18.3			
•	0830	Oct Retail sales volume (YoY%)	-26	-	-20.4			
Indonesia	-	Nov CPI (YoY%)	3.1	3.1	3.13			
_	-	Nov CPI core (YoY%)	-	3.1	3.2			
Thailand	0030	Nov Markit PMI mfg	50.2	-	50			
•	0330	Nov CPI (YoY%)	0.3	0.36	0.11			
•	0330	Nov Core-CPI (YoY%)	0.5	0.5	0.44			
Malaysia	0030	Nov Nikkei Manufacturing PMI	48.8	-	49.3			
Taiwan	0030	Nov Nikkei Manufacturing PMI	49.8	-	49.8			
		Tuesday 3 December						
Singapore	1300	Nov Purchasing Managers Index	49.8	-	49.6			
	Wednesday 4 December							
South Korea	2300	Oct Current account balance (US\$bn)	7.6	-/-	7.5			
Hong Kong	0030	Nov Markit PMI	-	-	39.3			
Malaysia	0400	Oct Exports (YoY%)	-12.5	-	-6.8			
_	0400	Oct Imports (YoY%)	-9	-	2.4			
_	0400	Oct Trade balance (RM bn)	11.9	-	8.3			
India	0500	Markit India PMI Services	-	-	49.2			
China	0145	Nov Caixin Manufacturing PMI	51	51.3	51.7			
Thursday 5 December								
Philippines	0100	Nov CPI (YoY%)	1.3	-	0.8			
India	-	3Q Current account balance (Q) (US\$bn)	-	-	-14.3			
•	0615	RBI policy decision (repo rate, %)	4.9	-	5.15			
Taiwan	0800	Nov WPI (YoY%)	-4.9	-	-6.2			
•	0800	Nov CPI (YoY%)	0.7	0.7	0.4			
Friday 6 December								
Hong Kong	-	Nov Forex Reserves (US\$bn)	-	-	440.6			
Malaysia	0700	Nov 29 Forex reserves- Month end (US\$bn)	-	-	103.2			
Philippines	-	Nov Forex reserves (US\$bn)	86.5	-	85.8			
Source: ING, Bloomberg, *GMT								

Author

Alissa Lefebre

Economist

alissa.lefebre@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 <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 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

Senior Economist, Germany <u>Franziska.Marie.Biehl@inq.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.inq.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@inq.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 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 <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 <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@inq.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

Key Events

Key events in EMEA and Latam

A busy calendar next week in EMEA. While we believe that the Turkish economy could be improving, we are likely in for some disapointing figures in Czech. In Hungary, we are expecting the positive momentum to keep on going with a manufacturing PMI rebound



Source: Shutterstock

Poland central bank meeting likely to be a non-event

We expect the MPC meeting to be a non-event – the committee should reiterate its guidance on flat rates. There may be a motion for a cut, but only one member, Eryk Lon is expected to support it. The PMI manufacturing index is expected to increase towards 46pt following better readings in Germany.

✓ Hungary: Positive momentum goes on

After a surprisingly strong 3Q, we expect the positive momentum to continue in October. Manufacturing PMI will rebound in line with the business confidence indicator, while the new capacities which has just entered production will able to maintain an above-average growth in industry. Retail sales turnover growth to remain firm, reflecting the combination of the tight labour market and strong wage growth. The only caveat here could be (to some extent) the withheld purchases due to the Black Friday sales throughout November.

Turkey: Improving conditions

Following a sharp disinflation trend in recent months thanks to weak domestic demand, stable currency and the downward adjustment in food prices, we expect annual inflation to change course in November and rise to 10.7% (0.5% MoM) mainly on the back of the unsupportive base. GDP growth, as evidenced by high-frequency data is likely to turn positive on a YoY basis in the third quarter at 0.5% with improving private consumption due to stable currency, sharp fall in interest rates, better consumer sentiment, and accelerated bank lending, as well as base effects, kicking in.

Czech: Some disappointing figures to come

3Q19 wage growth might disappoint the Czech central bank estimate of 7.2% YoY nominal growth, the same as the previous quarter, as data from tax collection signals slowdown in wage dynamics in 3Q. We expect 6.6% nominal growth, being transmitted into 3.7% YoY real wage growth as inflation reached 2.8% on average in 3Q. Retail sales are likely to decelerate after strong September figures, but mainly on the back of calendar bias (two days more in September, one less in October, in YoY terms)

EMEA and Latam Economic Calendar

Country	Time		ING	Survey	Prev.		
Monday 2 December							
Russia		Nov Markit Manufacturing PMI	-	-	47.2		
Turkey		3Q GDP (YoY%)	0.5	0.6	-1.5		
		Nov Markiet/ISO Manufacturing PMI	-	-	49		
Hungary		Nov Manufacturing PMI	55	-	51.9		
		Oct PPI (MoM/YoY%)	1.5/3.1	-/-	1.2/2.2 566.16		
Poland		Sep F Trade Balance (€mn) Nov Markit Manufacturing PMI	566 46.0	46.2	45.6		
		Nov Markit Manufacturing PMI	46.0	45.8	45.0		
czecii kepublic		Nov Budget Balance (CZKbn)	40.2	43.0	-19.57		
South Africa		Nov Absa PMI	_	_	48.1		
Serbia		3Q GDP (YoY%)	3.9	_	29		
Romania	1100	Nov FX Reserves (€bn, Net)	5.5		39.4		
Brazil	1100	3Q GDP (QoQ/YoY%)	0.3/0.8	0.5/1.2	0.4/1.0		
Brazit	1100	Tuesday 3 December	0.5/0.0	0.3/1.2	0.4/1.0		
Romania	0700	Oct PPI (MoM/YoY%)	-/-	-/-	0.1/3.1		
Turkey		Nov CPI (MoM/YoY%)	0.5/10.7	-/-	2.0/8.6		
,		Nov Core CPI (YoY%)	9.4	-	6.7		
	0700	Nov Domestic PPI (MoM/YoY%)	-/-	-/-	0.2/1.7		
South Africa	0930	3Q GDP (SAAR-QoQ/YoY%)	-/-	-/-	3.1/0.9		
Poland	-	Monetary Policy Council Rate Meeting					
Kazakhstan	-	Nov CPI (MoM/YoY%)	-/-	-/-	0.6/5.5		
		Wednesday 4 December					
Poland	-	Base Rate (%)	1.50	1.50	1.50		
Czech Republic		Average Real Monthly Wages (YoY%)	3.7	-	4.3		
Hungary	1300	Hungarian Central Bank's Minutes					
Brazil	1400	Oct Industrial Production (YoY%)	1	1.2	1.1		
		Thursday 5 December					
Romania		Oct Retail Sales (MoM/YoY%)	-/-	-/-	0.7/7.0		
		3Q P GDP (SA, QoQ/YoY%)	0.6/3.0	-/-	0.6/3.0		
Bulgaria		3Q F GDP (QoQ/YoY%)	0.7/3.7	-/-	0.7/3.7		
Hungary	0800	Oct Retail Sales (YoY%)	5.4	-	5.8		
Israel	_	Nov Foreign Currency Balance (US\$bn)		-	121.4		
Russia	1700	Friday 6 December CPI (MoM/YoY%)	0.3/3.6	-/-	0.1/3.8		
Russia		Official Reserves Assets (bn)	0.3/3.0	-/-	540.9		
Czach Dopublic		Oct Retail Sales (YoY%)	2.6	-	8.2		
czecii kepublic		Oct Retail Sales (YOY%) Oct Retail Sales Excl. Motor Vehicles (YoY%)	3.1	_	7.3		
Hungary		Oct Industrial Production (MoM/YoY%)	-0.2/6.7	-/-	3.1/9.0		
Poland		Nov Official Reserves Total ('000)	-0.2/0./		121900.7		
Croatia		Nov PPI (MoM/YoY%)	-/-	-/-	0.3/-0.5		
Serbia		Nov HPPI (MoM/YoY%)	-/-	-/-	0.3/-0.5		
South Africa		Nov Gross Reserves (US\$bn)	-/-	-/-	54.5		
Journ Amed		Nov Net Open Foreign Currency Position	-	-	44.61		
Brazil		Nov Inflation (IPCA) (MoM/YoY%)	0.4/3.16	0 4/7 1	0.1/2.5		
Source: ING, Bloom		140V IIIIIddolf (IFCA) (MOM/10170)	0.4/3.10	0.4/3.1	0.1/2.3		
Jource, ING, DIOUIT	Derg						

Author

Peter Virovacz

Senior Economist, Hungary

peter.virovacz@ing.com

Muhammet Mercan

Chief Economist, Turkey

muhammet.mercan@ingbank.com.tr

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.