

Good MornING Asia - 26 July 2019

Investors continue to digest green shoots of upcoming US-China trade talks amid persisting anxiety about the likely turn economic policies in the developed world take. The ECB failed to deliver any easing yesterday and the focus now shifts to the Fed policy for which hopes are pinned on a 25bp rate cut next week.

In this bundle



Asia Morning Bites

ASEAN Morning Bytes

General market tone: Risk-off. Investor sentiments are likely to take a hit following risky asset selloff in the overnight US session and disappointing...



Asia week ahead: Some shoots on second-half outlook A raft of July economic indicators will provide a sense of where Asian economies are headed in the second half of 2019, while report cards for the second...



South Korea

South Korean economy dodges recession

The Bank of Korea's policy interest rate cut a week ago is a step in the right direction as the central bank's 2.2% GDP growth forecast for... Article | 26 July 2019

ASEAN Morning Bytes

General market tone: Risk-off. Investor sentiments are likely to take a hit following risky asset selloff in the overnight US session and disappointing ECB policy action albeit with more dovish tone.





Consensus on Singapore's June manufacturing growth

Year-on-year

EM Space: Draghi signals easing but economic projections were less dour

- **General Asia:** Investors continue to digest green shoots of upcoming US-China trade talks amid persisting anxiety about the likely turn economic policies in the developed world take. The ECB failed to deliver any easing yesterday and the focus now shifts to the Fed policy for which hopes are pinned on a 25bp rate cut next week.
- **Malaysia:** East Coast Rail Link (ECRL) project is back on track in a significant sentiment booster for foreign investors in Malaysia. After suspension for a year, China and Malaysia have reportedly resumed construction for the 640 km rail line forming a part of China's Belt-and-Road initiative. Meanwhile, Malaysia managed to get the project cost cut by a third to

about \$44 billion and aims for completion by end-2026. Hopefully, this spins the wheels for another key rail project, the Kuala Lumpur-Singapore High-Speed Rail (HSR), that's been on hold currently.

- **Singapore:** June industrial production figures today will inform about the likely direction of revision to the 0.1% YoY (-3.4% QoQ SAAR) advance 2Q GDP growth estimate. Underlying the consensus of -8.5% YoY IP growth is worst NODX performance with over 17% fall. While electronics continued to be the weak link in both NODX and IP, we don't rule out highly volatile pharmaceutical production producing surprises. But anything bad than consensus would intensify calls for MAS easing before the October policy review.
- Thailand: Moody's affirmed Thailand's Baa1 sovereign rating but upgraded outlook of the same Positive from Stable. It cited strong public and external finances providing for a significant room to counter shocks, and a large and diverse economy allowing shock absorption capacity. It identified lingering political risks and long-term structural challenges of aging society and labor skills shortages as key constraints on potential growth (and rating). Judging from the last rating changed in 2000 and 2003, Moody's acted within months after putting the rating on an upgrade watch. The circumstances are different now as the economy remains plagued by sustained anaemic growth for the last several years, which keeps us from anticipating a quick upgrade this time.
- Indonesia: Bank Indonesia (BI) Governor Warjiyo maintains his dovish rhetoric, indicating that subdued inflation and the need to boost growth underscore the need further reduction in policy rates. Meanwhile, his newly appointed Deputy Governor Destry Damayanti expressed her opinion that the global monetary easing cycle may be drawn out, affording BI room to ease further. Damayanti shared that further BI easing could trigger an influx of foreign funds into Indonesia, thus offsetting the current account deficit and supporting the IDR in the process.
- **Philippines:** The BSP's Monetary Board member Bruce Tolentino downplayed the need to ease policy in the near term, indicating he did not see the need to "rush" into cutting rates. Preaching data-dependence, Tolentino wants to see more data and the effects of recent easing before considering future policy adjustments. This dampens the chances to some extent for a BSP rate cut in August with investors looking to economic data reports in coming weeks.

What to look out for: US GDP

- Japan inflation (26 July)
- US GDP (26 July)

Author

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

Asia week ahead: Some shoots on second-half outlook

A raft of July economic indicators will provide a sense of where Asian economies are headed in the second half of 2019, while report cards for the second quarter performance continue to stream in



Source: Shutterstock

ᅌ PMI data dominates

Around this time of the month, markets typically focus on purchasing managers index for the manufacturing and service sectors. Within these, China's PMI always steals the limelight but has been doing even more so since the onset of the trade war. However, we don't think the upcoming Chinese PMI data will be telling us anything different from recent releases.

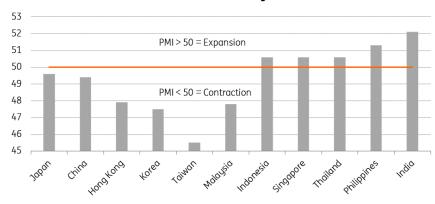
While the trade war continues to hurt exports and manufacturing, services activity is holding up well. Even if this gulf widens further, it will be increasingly difficult for the services sectors to remain

afloat without eventually being dragged lower without support from exports and manufacturing.

On the other spectrum is India, where manufacturing activity is firmly on the growth trajectory reflected by the recent PMI well above the 50 threshold, however, service activity has been in the contracting territory with the PMI in June coming in at 49.6. This isn't a good mix for the economy with services accounting for over 50% of GDP.

And there is this north-south divide as well – manufacturing PMIs for the majority of the south still in the expansionary zone, while in the north it seems to be contracting. But not all is bad in sub-50 countries. Malaysia stands out here. Despite weak PMI, Malaysia's manufacturing sector is holding up relatively well on the back of the electronics-led export outperformance as is expected to be reinforced by June trade figures out next week.

Asian manufacturing PMI - Not everything gray is bad



Markit Manufacturing PMIs

Source: Bloomberg, ING

ᅌ But hard data matters more

Having said all of the above, PMIs are still sentiment-driven soft economic indicators. Hard activity data matters more. Korea's trade figures for July will be setting up expectations for trade and manufacturing performance for the rest of the region.

Despite the deep export slump, <u>Korea dodged recession</u> with a pick-up in second-quarter GDP growth. Yet, we don't see July trade figures calming nerves, especially with trade tensions with Japan clouding the prospects further. We expect a continued double-digit export decline in July, while weak domestic demand depresses imports and sustains wide trade surplus.

Hong Kong and Taiwan are next in line to report GDP data for 2Q19. Like Korea, the electronics slump has been hurting Taiwan quite a bit. Even if <u>Taiwan's exports posted positive growth in June</u>, our Chinese economist warns against celebrating just yet. Indeed, she was right because subsequent export orders data for the month was still bad. As such, the consensus of 1.8% growth in Taiwan's GDP is at risk of a downside surprise (ING forecast 1.4%).

Undoubtedly, Hong Kong's economy has been hit hard by anti-government protests since late March, which could dent growth further below the 0.6% rate in 1Q19, which in itself was the slowest in a decade since the 2009 global financial crisis.

South Korean economy dodges recession

Taiwan: Export growth positive but too soon to celebrate

Asia Economic Calendar

Country	Time	Data/event	ING	Survey	Prev.
		Saturday 27 July			
China	0230	Jun Industrial profits (YTD, YoY%)	-1.9	-	1.1
		Monday 29 July			
South Korea	2200	Aug BOK Business Survey Index, mfg	73.8	-	75.0
	2200	Aug BOK Business Survey Index, non-mfg	73.0	-	74.0
		Tuesday 30 July			
Thailand	-	Jun Manufacturing index (YoY%)	-3.5	-	-4.0
		Wednesday 31 July			
China	0200	Jul Manufacturing PMI	49.5	49.7	49.4
	0200	Jul Non-manufacturing PMI	53.7	54	54.2
India	-	Jun Fiscal deficit (INR crore)	-	-	209109
Taiwan	0900	2Q P GDP (YoY%)	1.4	-	1.7
South Korea	0000	Jun Industrial production (MoM/YoY%)	1.0/-1.4	-/-	-1.7/-0.2
Hong Kong	0915	2Q GDP (% YoY)	1.4		0.6
Thailand	0830	Jun Current account balance (US\$bn)	4.9		-0.4
		Thursday 1 August			
China	0245	Jul Caixin Manufacturing PMI	49.5	49.8	49.4
India	0600	Jul Nikkei Manufacturing PMI	50.9	-	52.1
Indonesia	-	Jul CPI (YoY%)	3.3	-	3.3
	-	Jul Core CPI (YoY%)	-	-	3.3
Taiwan	0130	Jul Nikkei Manufacturing PMI	45	-	45.5
Thailand	0500	Jul CPI (YoY%)	0.8	-	0.9
	0500	Jul Core CPI (YoY%)	0.5	-	0.5
South Korea	0000	Jul CPI (YoY%)	0.8	-/-	0.7
	0100	Jul Exports (YoY%)	-12.0	-	-13.5
	0100	Jul Imports (YoY%)	-8.0	-	-11.1
	0100	Jul Trade balance (US\$mn)	4249	-	3995
	0130	Jul Nikkei Manufacturing PMI	-	-	47.5
Hong Kong	0930	Jun Retail sales value (%YoY)	-1.6		-1.3
	0930	Jun Retail sales volume (%YoY)	-2.0		-1.7
Malaysia	0130	Jul Markit manufacturing PMI	48.5		47.8
Thailand	0130	Jul Markit manufacturing PMI	50.1		50.6
		Friday 2 August			
Malaysia	0500	Jun Exports (YoY%)	0.0	-	2.5
-		Jun Imports (YoY%)	-3.0	-	1.4
		Jun Trade balance (RM bn)	8.2	-	9.1
Singapore	1400	Jul Purchasing Managers Index	49.5	-	49.6
Source: ING, Bloc					

Source: ING, Bloomberg, *GMT

Author

Alissa Lefebre Economist

alissa.lefebre@ing.com

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 <u>kinga.havasi@ing.com</u>

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 <u>tiberiu-stefan.posea@ing.com</u>

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 <u>teise.stellema@ing.com</u>

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

Diogo Gouveia Sector Economist <u>diogo.duarte.vieira.de.gouveia@ing.com</u>

Marine Leleux Sector Strategist, Financials marine.leleux2@ing.com

Ewa Manthey Commodities Strategist <u>ewa.manthey@ing.com</u>

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 <u>min.joo.kang@asia.ing.com</u>

Coco Zhang ESG Research <u>coco.zhang@ing.com</u>

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 Franziska.Marie.Biehl@ing.de

Rebecca Byrne Senior Editor and Supervisory Analyst <u>rebecca.byrne@ing.com</u>

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 <u>Rico.Luman@ing.com</u>

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 <u>charlotte.de.montpellier@ing.com</u>

Laura Straeter Behavioural Scientist +31(0)611172684 laura.Straeter@ing.com Valentin Tataru Chief Economist, Romania valentin.tataru@ing.com

James Smith Developed Markets Economist, UK james.smith@ing.com

Suvi Platerink Kosonen Senior Sector Strategist, Financials suvi.platerink-kosonen@ing.com

Thijs Geijer Senior Sector Economist, Food & Agri <u>thijs.geijer@ing.com</u>

Maurice van Sante

Senior Economist Construction & Team Lead Sectors <u>maurice.van.sante@ing.com</u>

Marcel Klok Senior Economist, Netherlands marcel.klok@ing.com

Piotr Poplawski Senior Economist, Poland piotr.poplawski@ing.pl

Paolo Pizzoli Senior Economist, Italy, Greece <u>paolo.pizzoli@ing.com</u>

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 <u>muhammet.mercan@ingbank.com.tr</u>

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 <u>viraj.patel@ing.com</u>

Owen Thomas

Global Head of Editorial Content +44 (0) 207 767 5331 <u>owen.thomas@ing.com</u>

Bert Colijn Chief Economist, Netherlands bert.colijn@ing.com

Peter Vanden Houte Chief Economist, Belgium, Luxembourg, Eurozone <u>peter.vandenhoute@ing.com</u>

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> Article | 25 July 2019

South Korea

South Korean economy dodges recession

The Bank of Korea's policy interest rate cut a week ago is a step in the right direction as the central bank's 2.2% GDP growth forecast for the year remains subject to asymmetric downside risk

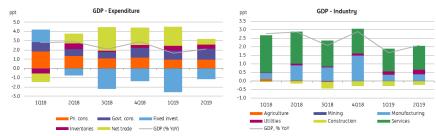




Growth picks up in 2Q19

South Korea's second quarter GDP grew by 2.1% from a year ago and by 1.1% (seasonally adjusted) from the preceding quarter. Growth was not only firmer than the Bloomberg consensus estimates of 1.9% year-on-year and 0.9% quarter-on-quarter, but also marked an acceleration from the 1.7% YoY and -0.4% QoQ SA rates recorded in 1Q19. More importantly, the economy avoided a recession with QoQ growth back in positive territory.

Private and public consumption persisted as the key expenditure-side drivers of GDP growth. The contribution of private consumption to GDP growth rose to 1.0 percentage point (ppt) from 0.9ppt in 1Q and that of government consumption was up to 1.2ppt from 1.0ppt. Investments remained a drag albeit smaller than in 1Q (-1.2ppt vs. -2.6ppt in 1Q). And all this more than offset a significant narrowing in the net trade contribution. On the industry-side, services retained their spot as the main driver of GDP growth, while an improvement in manufacturing and utilities also helped.



What's behind firmer GDP growth in the last quarter?

Source: Bloomberg, CEIC, ING

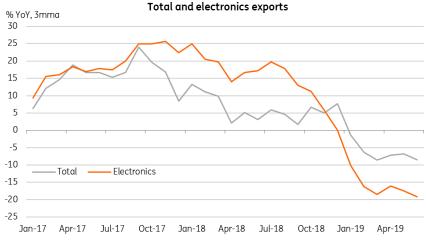
Note: Bars may not stack up to total GDP growth due to statistical discrepancy.

Economy dodges a recession

While YoY growth of 2.1% matched our forecast exactly, we overestimated the QoQ weakness in forecasting no growth for the period. With a 0.4% QoQ 1Q19 contraction and further weakness displayed by activity data in 2Q19, we feared the economy could have fallen into a technical recession. Even the tiniest negative reading (rounding up to our forecast of zero growth) would have resulted in a technical recession defined as two straight quarters of negative QoQ growth.

This would not have been too surprising given that the economy is heavily reliant on exports, which have been beaten up by the US-China trade and tech wars as well as a global tech slump. Electronics exports, a bellwether for the economy which account for a third of total exports, have suffered from a contraction of as much as 20% YoY in recent months, and within that, semiconductors have fared even worse, with a more than 30% fall.

Could it be that the wonky seasonal adjustment for QoQ growth helped the economy to avert a recession?



Electronics dampening export performance

Source: Bloomberg, CEIC, ING

Outlook isn't promising though

Even if the economy has averted a recession for now, the outlook for the rest of the year remains clouded by a worsening external environment, including an ongoing trade spat with Japan.

Just a week ago, the Bank of Korea (BoK) scaled back its growth forecast for 2019 to 2.2% from 2.5%. Average 1.9% GDP growth in the first half of the year precisely matched the BoK's revised forecast for the period. But its 2.4% growth view for the second half of the year appears optimistic. Aside from some favourable base effects (growth slowed sharply in 3Q18), there's no reason for year-on-year growth to recover in the second half. That, too, assumes that things don't become any worse than they currently are, which is a risky proposition absent any let-up in the export slump.

More easier policy is the order of the day

Better late than never, the BoK's 25 basis point policy interest rate cut no more than a week ago was a step in the right direction. However, <u>as we argued at the time</u>, this was a mere reversal of the tightening late last year, not a stimulus in any real sense.

The key questions that today's data pose are whether the BoK will be complacent after an acceleration in GDP growth and stay on hold for the rest of the year, or, will it see through the GDP figure that's masking underlying weakness in the trade and electronics sectors, and ease policy further with more rate cuts?

Judging from the shift in global central bank policies, increased policy support for growth is the order of the day. We expect the BoK to go with the flow and ease again by 25bp in the final quarter of the year as its 2.2% full year GDP forecast looks increasingly unattainable. ING's forecast for Korea's full-year 2019 GDP growth is 1.4% (consensus 2.0%).

Korea: Central bank starts easing cycle with 25bp rate cut

Author

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 <u>kinga.havasi@ing.com</u> 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 <u>diogo.duarte.vieira.de.gouveia@ing.com</u>

Marine Leleux Sector Strategist, Financials marine.leleux2@ing.com

Ewa Manthey Commodities Strategist <u>ewa.manthey@ing.com</u>

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 <u>min.joo.kang@asia.ing.com</u>

Coco Zhang ESG Research <u>coco.zhang@ing.com</u>

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 Franziska.Marie.Biehl@ing.de

Rebecca Byrne Senior Editor and Supervisory Analyst <u>rebecca.byrne@ing.com</u>

Mirjam Bani

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

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 <u>Rico.Luman@ing.com</u>

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 <u>charlotte.de.montpellier@ing.com</u>

Laura Straeter

Behavioural Scientist +31(0)611172684 laura.Straeter@ing.com

Valentin Tataru

Chief Economist, Romania valentin.tataru@ing.com

James Smith

Developed Markets Economist, UK james.smith@ing.com

Suvi Platerink Kosonen Senior Sector Strategist, Financials suvi.platerink-kosonen@ing.com

Thijs Geijer Senior Sector Economist, Food & Agri <u>thijs.geijer@ing.com</u>

Maurice van Sante

Senior Economist Construction & Team Lead Sectors <u>maurice.van.sante@ing.com</u>

Marcel Klok Senior Economist, Netherlands marcel.klok@ing.com

Piotr Poplawski

Senior Economist, Poland piotr.poplawski@ing.pl

Paolo Pizzoli Senior Economist, Italy, Greece paolo.pizzoli@ing.com

Marieke Blom Chief Economist and Global Head of Research marieke.blom@ing.com

Raoul Leering Senior Macro Economist raoul.leering@ing.com

Maarten Leen Head of Global IFRS9 ME Scenarios maarten.leen@ing.com

Maureen Schuller Head of Financials Sector Strategy Maureen.Schuller@ing.com

Warren Patterson Head of Commodities Strategy Warren.Patterson@asia.ing.com

Rafal Benecki Chief Economist, Poland rafal.benecki@ing.pl Philippe Ledent Senior Economist, Belgium, Luxembourg philippe.ledent@ing.com

Peter Virovacz Senior Economist, Hungary peter.virovacz@ing.com

Inga Fechner Senior Economist, Germany, Global Trade inga.fechner@ing.de

Dimitry Fleming Senior Data Analyst, Netherlands <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 carsten.brzeski@ing.de

Viraj Patel Foreign Exchange Strategist +44 20 7767 6405 <u>viraj.patel@ing.com</u>

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 <u>chris.turner@ing.com</u>

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.